

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
 Data File : VX047183.D
 Acq On : 30 Jul 2025 13:37
 Operator : JC/MD
 Sample : VX0730WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/31/2025
 Supervised By : Mahesh Dadoda 07/31/2025

Quant Time: Jul 31 03:15:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	271218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	470951	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	421865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	205079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168203	49.786	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.580%		
35) Dibromofluoromethane	5.391	113	142194	48.901	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.800%		
50) Toluene-d8	8.647	98	440280	46.754	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.500%		
62) 4-Bromofluorobenzene	11.079	95	198722	48.969	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	61833	17.164	ug/l	99
3) Chloromethane	1.313	50	55245	15.503	ug/l	99
4) Vinyl Chloride	1.392	62	65628	17.133	ug/l	98
5) Bromomethane	1.630	94	35112	16.874	ug/l	97
6) Chloroethane	1.709	64	41562	16.520	ug/l	93
7) Trichlorofluoromethane	1.904	101	97250	17.026	ug/l	97
8) Diethyl Ether	2.148	74	36121	17.935	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.343	101	59028	17.153	ug/l	99
10) Methyl Iodide	2.471	142	76808	21.900	ug/l	100
11) Tert butyl alcohol	2.953	59	36331	85.210	ug/l	97
12) 1,1-Dichloroethene	2.337	96	57420	16.846	ug/l	99
13) Acrolein	2.252	56	60408	83.040	ug/l	95
14) Allyl chloride	2.678	41	97156	15.769	ug/l	94
15) Acrylonitrile	3.075	53	155331	96.401	ug/l	100
16) Acetone	2.386	43	125096	92.428	ug/l	97
17) Carbon Disulfide	2.526	76	150542	15.267	ug/l	96
18) Methyl Acetate	2.715	43	79437	22.086	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	200301	19.309	ug/l	98
20) Methylene Chloride	2.806	84	66116	17.757	ug/l	95
21) trans-1,2-Dichloroethene	3.105	96	59750	17.131	ug/l	99
22) Diisopropyl ether	3.770	45	219464	18.527	ug/l	92
23) Vinyl Acetate	3.727	43	904090	95.158	ug/l	99
24) 1,1-Dichloroethane	3.623	63	115914	17.597	ug/l	99
25) 2-Butanone	4.562	43	193885	98.382	ug/l	98
26) 2,2-Dichloropropane	4.489	77	79273	15.547	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	73064	17.690	ug/l	100
28) Bromochloromethane	4.904	49	63694	21.018	ug/l	100
29) Tetrahydrofuran	5.026	42	119776	94.197	ug/l	98
30) Chloroform	5.105	83	119525	17.826	ug/l	99
31) Cyclohexane	5.477	56	107777	17.064	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	102502	17.600	ug/l	100
36) 1,1-Dichloropropene	5.702	75	78614	15.860	ug/l	98
37) Ethyl Acetate	4.721	43	87810	19.226	ug/l	98
38) Carbon Tetrachloride	5.690	117	91170	17.233	ug/l	98
39) Methylcyclohexane	7.385	83	102347	16.538	ug/l	98
40) Benzene	6.044	78	247513	17.255	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
 Data File : VX047183.D
 Acq On : 30 Jul 2025 13:37
 Operator : JC/MD
 Sample : VX0730WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/31/2025
 Supervised By : Mahesh Dadoda 07/31/2025

Quant Time: Jul 31 03:15:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	42028	17.599	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	91801	18.168	ug/l	99
43) Isopropyl Acetate	6.342	43	137561	19.320	ug/l	99
44) Trichloroethene	7.129	130	61894	16.826	ug/l	100
45) 1,2-Dichloropropane	7.434	63	63752	17.745	ug/l	96
46) Dibromomethane	7.586	93	47046	18.674	ug/l	99
47) Bromodichloromethane	7.824	83	96184	17.936	ug/l	96
48) Methyl methacrylate	7.696	41	70412	18.153	ug/l	98
49) 1,4-Dioxane	7.708	88	17085	387.263	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	417344	98.612	ug/l	99
52) Toluene	8.720	92	155777	17.662	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	89632	17.700	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	96077	17.335	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	62536	18.906	ug/l	97
56) Ethyl methacrylate	9.116	69	94001	19.196	ug/l	98
57) 1,3-Dichloropropane	9.311	76	106928	18.600	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	250696	92.000	ug/l	100
59) 2-Hexanone	9.433	43	287228	102.723	ug/l	100
60) Dibromochloromethane	9.519	129	72235	18.620	ug/l	99
61) 1,2-Dibromoethane	9.610	107	61977	17.919	ug/l	97
64) Tetrachloroethene	9.275	164	51334	16.880	ug/l	96
65) Chlorobenzene	10.079	112	172827	17.487	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	58045	17.445	ug/l	98
67) Ethyl Benzene	10.195	91	301586	17.453	ug/l	100
68) m/p-Xylenes	10.299	106	225463	34.867	ug/l	99
69) o-Xylene	10.640	106	110783	18.009	ug/l	100
70) Styrene	10.653	104	190166	18.028	ug/l	100
71) Bromoform	10.799	173	47976	18.981	ug/l #	98
73) Isopropylbenzene	10.957	105	293375	18.133	ug/l	98
74) N-amyl acetate	10.842	43	121231	18.571	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	90291	19.537	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	73018m	19.236	ug/l	
77) Bromobenzene	11.195	156	70384	18.137	ug/l	100
78) n-propylbenzene	11.299	91	350592	18.133	ug/l	100
79) 2-Chlorotoluene	11.360	91	206363	17.856	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	240523	17.994	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	15740	10.683	ug/l	93
82) 4-Chlorotoluene	11.451	91	243585	18.057	ug/l	100
83) tert-Butylbenzene	11.713	119	244087	18.194	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	241661	18.126	ug/l	99
85) sec-Butylbenzene	11.890	105	307416	18.339	ug/l	99
86) p-Isopropyltoluene	12.006	119	256048	18.419	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	132018	17.904	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	133809	17.912	ug/l	97
89) n-Butylbenzene	12.329	91	239851	18.399	ug/l	99
90) Hexachloroethane	12.536	117	44564	17.920	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	128666	18.257	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17851	20.122	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	86775	18.636	ug/l	99
94) Hexachlorobutadiene	13.725	225	31148	19.670	ug/l	100
95) Naphthalene	13.774	128	272581	19.969	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	84453	18.827	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
Data File : VX047183.D
Acq On : 30 Jul 2025 13:37
Operator : JC/MD
Sample : VX0730WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

Quant Time: Jul 31 03:15:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

TIC: VX047183.D\data.ms

The chromatogram displays a series of peaks representing various compounds. Key labeled peaks include:

- Dichlorodifluoromethane, T
- Chloroacetaldehyde, C
- Bromomethane, T
- Trichlorofluoromethane, T
- Diethyl Ether, T
- Acetone, T
- Methyl Isopropyl Sulfide, T
- Methyl Acetyl Chloride, T
- Methyl Alcohol, T
- Methyl tert-Butyl Ether, T
- 1,1-Dichloroethane, P
- Vinyl Acetate, T
- Diisopropyl ether, T
- 2-Butanol, T
- Ethyl Acetate, T
- 1,2-Dichloropropane, T
- Cyclohexane, T
- Pentadecaborane, I
- 1,2-Dichloropropane, T
- 1,2-Dichloroethane-d4, S
- Isopropyl Acetate, T
- 1,4-Difluorobenzene, I
- Trichloroethylene, TM
- 1,2-Dichlorohexane, T
- Dibromomethane, T
- 1,4-Dioxane, T
- cis-1,3-Dichloropropene, I
- 2-Chloroethyl Vinyl ether, T
- 4-Methyl-2-Pentanone, S
- Toluene, CM
- t-1,3-Dichloropropene, T
- Ethyl methyl ketone, T
- 1,3-Dichloropropane, T
- 1,2-Dibromoethane, T
- 1,1,1,2-Tetrachloroethane, T
- 1,1,2-Trichloroethane, T
- 1,1,2-Trichloroethane, T
- N-amyl acetate, T
- trans-1,2-Dichlorocyclohexene, T
- 1,2,3-Trichloropropane, T
- 1,2,4-Trichlorobutadiene, T
- tert-Butylbenzene, T
- 1,2,4-Trichlorobenzene, T
- 1,3-Dichlorobenzene, T
- Hexachloroethane, T
- 1,2-Dibromo-3-Chloropropane, T
- Hexachlorobutadiene, T
- 1,2,4-Trichlorobenzene, T
- Naphthalene, T
- 1,2,3-Trichlorobenzene, T