

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072925\
 Data File : VX047175.D
 Acq On : 29 Jul 2025 13:11
 Operator : JC/MD
 Sample : VX0729WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/30/2025
 Supervised By : Mahesh Dadoda 07/30/2025

Quant Time: Jul 30 01:14:26 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	278285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	473987	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	420439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	210934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168062	48.481	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.960%		
35) Dibromofluoromethane	5.391	113	141363	48.304	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.600%		
50) Toluene-d8	8.647	98	424131	44.751	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.500%#		
62) 4-Bromofluorobenzene	11.079	95	199278	48.791	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	60412	16.344	ug/l	98
3) Chloromethane	1.313	50	53514	14.636	ug/l	99
4) Vinyl Chloride	1.392	62	64305	16.361	ug/l	100
5) Bromomethane	1.630	94	34528	16.172	ug/l	92
6) Chloroethane	1.709	64	39448	15.281	ug/l	98
7) Trichlorofluoromethane	1.904	101	96039	16.387	ug/l	100
8) Diethyl Ether	2.142	74	36055	17.448	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	56833	16.096	ug/l	99
10) Methyl Iodide	2.465	142	73048	20.299	ug/l	95
11) Tert butyl alcohol	2.953	59	38147	87.447	ug/l	99
12) 1,1-Dichloroethene	2.337	96	55403	15.842	ug/l	98
13) Acrolein	2.245	56	59914	80.269	ug/l	98
14) Allyl chloride	2.678	41	96058	15.195	ug/l	95
15) Acrylonitrile	3.075	53	150423	90.984	ug/l	99
16) Acetone	2.386	43	132082	95.111	ug/l	99
17) Carbon Disulfide	2.532	76	151066	14.931	ug/l	99
18) Methyl Acetate	2.709	43	73686	19.967	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	195653	18.382	ug/l	99
20) Methylene Chloride	2.800	84	63049	16.503	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	57441	16.051	ug/l	98
22) Diisopropyl ether	3.764	45	218228	17.955	ug/l	94
23) Vinyl Acetate	3.727	43	886586	90.946	ug/l	98
24) 1,1-Dichloroethane	3.623	63	112985	16.717	ug/l	99
25) 2-Butanone	4.562	43	191787	94.846	ug/l	99
26) 2,2-Dichloropropane	4.483	77	87320	16.690	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	71464	16.863	ug/l	100
28) Bromochloromethane	4.904	49	60254	19.378	ug/l	98
29) Tetrahydrofuran	5.019	42	117689	90.206	ug/l	98
30) Chloroform	5.099	83	117074	17.017	ug/l	100
31) Cyclohexane	5.483	56	105207	16.234	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	99889	16.716	ug/l	99
36) 1,1-Dichloropropene	5.696	75	80011	16.039	ug/l	98
37) Ethyl Acetate	4.721	43	83384	18.140	ug/l	100
38) Carbon Tetrachloride	5.678	117	87022	16.344	ug/l	98
39) Methylcyclohexane	7.385	83	99368	15.954	ug/l	97
40) Benzene	6.044	78	239490	16.589	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072925\
 Data File : VX047175.D
 Acq On : 29 Jul 2025 13:11
 Operator : JC/MD
 Sample : VX0729WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/30/2025
 Supervised By : Mahesh Dadoda 07/30/2025

Quant Time: Jul 30 01:14:26 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	4.928	41	40891	17.013	ug/l #	90
42) 1,2-Dichloroethane	6.092	62	90197	17.736	ug/l	97
43) Isopropyl Acetate	6.342	43	133703	18.658	ug/l	99
44) Trichloroethene	7.129	130	60711	16.399	ug/l	95
45) 1,2-Dichloropropane	7.434	63	61626	17.043	ug/l	96
46) Dibromomethane	7.580	93	45450	17.925	ug/l	99
47) Bromodichloromethane	7.824	83	93763	17.373	ug/l	98
48) Methyl methacrylate	7.696	41	68056	17.433	ug/l	99
49) 1,4-Dioxane	7.714	88	17489	393.882	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	403932	94.831	ug/l	98
52) Toluene	8.720	92	150376	16.940	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	87401	17.149	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	96049	17.219	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	58964	17.712	ug/l	97
56) Ethyl methacrylate	9.116	69	92193	18.706	ug/l	98
57) 1,3-Dichloropropane	9.305	76	101260	17.501	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	260238	94.890	ug/l	100
59) 2-Hexanone	9.427	43	278835	99.083	ug/l	100
60) Dibromochloromethane	9.519	129	70193	17.978	ug/l	99
61) 1,2-Dibromoethane	9.610	107	61159	17.569	ug/l	99
64) Tetrachloroethene	9.275	164	49436	16.311	ug/l	95
65) Chlorobenzene	10.079	112	166350	16.889	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	57309	17.282	ug/l	100
67) Ethyl Benzene	10.195	91	290882	16.891	ug/l	99
68) m/p-Xylenes	10.299	106	218901	33.967	ug/l	100
69) o-Xylene	10.640	106	106661	17.397	ug/l	100
70) Styrene	10.653	104	184364	17.537	ug/l	99
71) Bromoform	10.799	173	45854	18.203	ug/l #	100
73) Isopropylbenzene	10.957	105	279543	16.798	ug/l	100
74) N-amyl acetate	10.842	43	117519	17.502	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	87988	18.510	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	69479m	17.796	ug/l	
77) Bromobenzene	11.195	156	67873	17.004	ug/l	100
78) n-propylbenzene	11.299	91	333142	16.752	ug/l	99
79) 2-Chlorotoluene	11.360	91	198445	16.694	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	235049	17.097	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	16354	10.792	ug/l	94
82) 4-Chlorotoluene	11.451	91	237493	17.116	ug/l	99
83) tert-Butylbenzene	11.713	119	237331	17.199	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	236264	17.229	ug/l	98
85) sec-Butylbenzene	11.890	105	299355	17.363	ug/l	99
86) p-Isopropyltoluene	12.006	119	249827	17.473	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	128731	16.974	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	130443	16.976	ug/l	99
89) n-Butylbenzene	12.329	91	233772	17.435	ug/l	98
90) Hexachloroethane	12.536	117	43038	16.826	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	123656	17.059	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17377	19.044	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	83086	17.349	ug/l	99
94) Hexachlorobutadiene	13.719	225	30577	18.773	ug/l	98
95) Naphthalene	13.774	128	263075	18.738	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	80470	17.441	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072925\
Data File : VX047175.D
Acq On : 29 Jul 2025 13:11
Operator : JC/MD
Sample : VX0729WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

Quant Time: Jul 30 01:14:26 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

