

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082625\
 Data File : VX047525.D
 Acq On : 26 Aug 2025 11:09
 Operator : JC/MD
 Sample : VX0826WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/27/2025
 Supervised By : Mahesh Dadoda 08/27/2025

Quant Time: Aug 27 01:32:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	227603	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	409756	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	390638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	206918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	192013	60.280	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 120.560%#			
35) Dibromofluoromethane	5.391	113	146480	55.081	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.160%			
50) Toluene-d8	8.647	98	492673	51.832	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.660%			
62) 4-Bromofluorobenzene	11.079	95	201463	57.436	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	44330	15.279	ug/l	99
3) Chloromethane	1.313	50	43152	16.533	ug/l	99
4) Vinyl Chloride	1.392	62	52736	16.097	ug/l	98
5) Bromomethane	1.630	94	25303	19.122	ug/l	94
6) Chloroethane	1.703	64	33510	16.718	ug/l	98
7) Trichlorofluoromethane	1.904	101	78939	16.290	ug/l	95
8) Diethyl Ether	2.148	74	31497	18.460	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	47399	16.862	ug/l	99
10) Methyl Iodide	2.471	142	61432	12.753	ug/l	95
11) Tert butyl alcohol	2.959	59	30584	110.368	ug/l	97
12) 1,1-Dichloroethene	2.337	96	47550	16.593	ug/l	98
13) Acrolein	2.252	56	51357	87.795	ug/l	100
14) Allyl chloride	2.678	41	91375	18.358	ug/l	98
15) Acrylonitrile	3.081	53	130221	97.249	ug/l	99
16) Acetone	2.392	43	134536	112.364	ug/l	97
17) Carbon Disulfide	2.526	76	129381	14.962	ug/l	99
18) Methyl Acetate	2.715	43	69028	22.247	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	170401	19.546	ug/l	99
20) Methylene Chloride	2.800	84	59083	18.635	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	51381	16.893	ug/l	99
22) Diisopropyl ether	3.770	45	199633	20.291	ug/l	88
23) Vinyl Acetate	3.733	43	771072	95.617	ug/l	100
24) 1,1-Dichloroethane	3.629	63	104143	18.727	ug/l	96
25) 2-Butanone	4.568	43	169260	107.939	ug/l	99
26) 2,2-Dichloropropane	4.489	77	75073	17.886	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	64772	18.284	ug/l	99
28) Bromochloromethane	4.910	49	55943	24.175	ug/l	100
29) Tetrahydrofuran	5.025	42	100727	99.382	ug/l	97
30) Chloroform	5.099	83	109615	19.314	ug/l	97
31) Cyclohexane	5.483	56	83946	16.375	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	86322	17.671	ug/l	98
36) 1,1-Dichloropropene	5.702	75	69648	16.591	ug/l	99
37) Ethyl Acetate	4.727	43	71637	16.437	ug/l	96
38) Carbon Tetrachloride	5.684	117	74923	16.332	ug/l	96
39) Methylcyclohexane	7.385	83	75992	14.512	ug/l	95
40) Benzene	6.050	78	220403	17.541	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082625\
 Data File : VX047525.D
 Acq On : 26 Aug 2025 11:09
 Operator : JC/MD
 Sample : VX0826WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/27/2025
 Supervised By : Mahesh Dadoda 08/27/2025

Quant Time: Aug 27 01:32:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	34561	18.806	ug/l	97
42) 1,2-Dichloroethane	6.092	62	81458	18.302	ug/l	100
43) Isopropyl Acetate	6.348	43	114009	18.210	ug/l	99
44) Trichloroethene	7.129	130	54487	16.935	ug/l	98
45) 1,2-Dichloropropane	7.427	63	57598	18.297	ug/l	99
46) Dibromomethane	7.586	93	41030	17.954	ug/l	99
47) Bromodichloromethane	7.824	83	86683	18.296	ug/l	97
48) Methyl methacrylate	7.696	41	58574	18.024	ug/l	98
49) 1,4-Dioxane	7.683	88	11179	353.853	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	346745	96.241	ug/l	98
52) Toluene	8.720	92	137742	17.740	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	76972	18.615	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	84723	18.102	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	55243	18.739	ug/l	98
56) Ethyl methacrylate	9.116	69	80445	18.509	ug/l	98
57) 1,3-Dichloropropane	9.305	76	94681	18.848	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	193960	98.687	ug/l	99
59) 2-Hexanone	9.427	43	240407	96.464	ug/l	98
60) Dibromochloromethane	9.518	129	65429	18.676	ug/l	99
61) 1,2-Dibromoethane	9.610	107	55319	18.197	ug/l	100
64) Tetrachloroethene	9.275	164	43500	15.395	ug/l	96
65) Chlorobenzene	10.079	112	155714	16.774	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	54378	17.328	ug/l	98
67) Ethyl Benzene	10.189	91	262138	16.407	ug/l	96
68) m/p-Xylenes	10.299	106	197303	33.118	ug/l	99
69) o-Xylene	10.640	106	96868	16.896	ug/l	96
70) Styrene	10.652	104	169827	17.531	ug/l	99
71) Bromoform	10.799	173	41250	17.497	ug/l #	99
73) Isopropylbenzene	10.957	105	249665	15.419	ug/l	99
74) N-amyl acetate	10.841	43	97818	15.908	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	80117	16.852	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	62125m	16.370	ug/l	
77) Bromobenzene	11.195	156	64134	16.220	ug/l	98
78) n-propylbenzene	11.299	91	299639	15.494	ug/l	100
79) 2-Chlorotoluene	11.360	91	182870	15.643	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	207843	15.601	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	10439	17.941	ug/l	95
82) 4-Chlorotoluene	11.451	91	218287	15.840	ug/l	100
83) tert-Butylbenzene	11.713	119	209332	15.749	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	215806	16.198	ug/l	98
85) sec-Butylbenzene	11.890	105	258519	15.692	ug/l	99
86) p-Isopropyltoluene	12.006	119	217478	15.600	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	120824	15.995	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	122779	15.804	ug/l	98
89) n-Butylbenzene	12.329	91	198336	15.296	ug/l	99
90) Hexachloroethane	12.536	117	37435	15.306	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	116594	16.262	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14611	15.892	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	75289	15.664	ug/l	97
94) Hexachlorobutadiene	13.725	225	24680	14.425	ug/l	98
95) Naphthalene	13.774	128	220467	16.050	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	72034	15.899	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082625\
Data File : VX047525.D
Acq On : 26 Aug 2025 11:09
Operator : JC/MD
Sample : VX0826WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0826WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

Quant Time: Aug 27 01:32:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

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

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

