

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047267.D
 Acq On : 08 Aug 2025 13:45
 Operator : JC/MD
 Sample : VX0808WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/12/2025
 Supervised By : Mahesh Dadoda 08/12/2025

Quant Time: Aug 11 01:58:46 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	229567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	385678	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	348369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	177274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153091	53.534	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.060%			
35) Dibromofluoromethane	5.391	113	132543	55.660	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.320%			
50) Toluene-d8	8.647	98	383381	49.714	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.420%			
62) 4-Bromofluorobenzene	11.079	95	186960	56.256	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	61621	20.209	ug/l	98
3) Chloromethane	1.313	50	54019	17.909	ug/l	97
4) Vinyl Chloride	1.392	62	64427	19.871	ug/l	94
5) Bromomethane	1.630	94	31072	17.642	ug/l	96
6) Chloroethane	1.709	64	38023	17.855	ug/l	98
7) Trichlorofluoromethane	1.904	101	92875	19.210	ug/l	100
8) Diethyl Ether	2.142	74	32353	18.979	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	55910	19.194	ug/l	98
10) Methyl Iodide	2.471	142	79286	26.708	ug/l	99
11) Tert butyl alcohol	2.953	59	31077	86.225	ug/l	96
12) 1,1-Dichloroethene	2.337	96	54026	18.726	ug/l	99
13) Acrolein	2.245	56	31504	51.164	ug/l	97
14) Allyl chloride	2.678	41	90826	17.416	ug/l	93
15) Acrylonitrile	3.075	53	132563	97.197	ug/l	99
16) Acetone	2.386	43	125310	109.384	ug/l	99
17) Carbon Disulfide	2.526	76	157267	18.843	ug/l	99
18) Methyl Acetate	2.715	43	62554	20.547	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	174792	19.908	ug/l	98
20) Methylene Chloride	2.800	84	62729	19.904	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	55569	18.823	ug/l	97
22) Diisopropyl ether	3.770	45	196795	19.628	ug/l	97
23) Vinyl Acetate	3.727	43	803752	99.946	ug/l	99
24) 1,1-Dichloroethane	3.623	63	107441	19.270	ug/l	98
25) 2-Butanone	4.562	43	168855	101.227	ug/l	97
26) 2,2-Dichloropropane	4.483	77	82654	19.151	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	67031	19.174	ug/l	100
28) Bromochloromethane	4.910	49	54124	21.101	ug/l	98
29) Tetrahydrofuran	5.019	42	103591	96.250	ug/l	99
30) Chloroform	5.105	83	109616	19.314	ug/l	98
31) Cyclohexane	5.477	56	102012	19.082	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	94407	19.151	ug/l	99
36) 1,1-Dichloropropene	5.702	75	76037	18.732	ug/l	100
37) Ethyl Acetate	4.721	43	75538	20.196	ug/l	99
38) Carbon Tetrachloride	5.690	117	83312	19.230	ug/l	95
39) Methylcyclohexane	7.379	83	97865	19.310	ug/l	98
40) Benzene	6.044	78	230061	19.584	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047267.D
 Acq On : 08 Aug 2025 13:45
 Operator : JC/MD
 Sample : VX0808WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/12/2025
 Supervised By : Mahesh Dadoda 08/12/2025

Quant Time: Aug 11 01:58:46 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	37391	19.119	ug/l #	95
42) 1,2-Dichloroethane	6.092	62	83886	20.272	ug/l	99
43) Isopropyl Acetate	6.348	43	116396	19.961	ug/l	99
44) Trichloroethene	7.129	130	57005	18.924	ug/l	92
45) 1,2-Dichloropropane	7.434	63	58503	19.884	ug/l	97
46) Dibromomethane	7.580	93	41478	20.104	ug/l	98
47) Bromodichloromethane	7.824	83	86863	19.780	ug/l	100
48) Methyl methacrylate	7.696	41	60148	18.935	ug/l	98
49) 1,4-Dioxane	7.714	88	14365	397.601	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	354760	102.357	ug/l	99
52) Toluene	8.720	92	144373	19.988	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	80676	19.454	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	87402	19.257	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	55204	20.379	ug/l	99
56) Ethyl methacrylate	9.116	69	83881	20.917	ug/l	98
57) 1,3-Dichloropropane	9.305	76	94487	20.070	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	222096	99.525	ug/l	99
59) 2-Hexanone	9.427	43	242840	106.051	ug/l	100
60) Dibromochloromethane	9.519	129	66036	20.786	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57129	20.169	ug/l	100
64) Tetrachloroethene	9.275	164	47247	18.813	ug/l	99
65) Chlorobenzene	10.079	112	161396	19.776	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	53999	19.653	ug/l	99
67) Ethyl Benzene	10.189	91	278875	19.544	ug/l	99
68) m/p-Xylenes	10.299	106	211294	39.569	ug/l	100
69) o-Xylene	10.640	106	102358	20.149	ug/l	99
70) Styrene	10.652	104	177607	20.389	ug/l	97
71) Bromoform	10.799	173	42763	20.488	ug/l #	99
73) Isopropylbenzene	10.957	105	269103	19.241	ug/l	100
74) N-amyl acetate	10.841	43	104805	18.572	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	79373	19.868	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	64190m	19.563	ug/l	
77) Bromobenzene	11.195	156	65520	19.532	ug/l	98
78) n-propylbenzene	11.299	91	322463	19.294	ug/l	100
79) 2-Chlorotoluene	11.360	91	189952	19.013	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	223654	19.357	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	15719	12.342	ug/l	97
82) 4-Chlorotoluene	11.451	91	229858	19.712	ug/l	99
83) tert-Butylbenzene	11.713	119	224170	19.330	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	227301	19.723	ug/l	100
85) sec-Butylbenzene	11.890	105	278818	19.242	ug/l	99
86) p-Isopropyltoluene	12.006	119	237125	19.734	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	124813	19.582	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	124958	19.350	ug/l	97
89) n-Butylbenzene	12.329	91	221174	19.627	ug/l	99
90) Hexachloroethane	12.536	117	41523	19.316	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	119028	19.539	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15882	20.711	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	79965	19.868	ug/l	99
94) Hexachlorobutadiene	13.719	225	28804	21.043	ug/l	98
95) Naphthalene	13.774	128	234350	19.861	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	75359	19.435	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
Data File : VX047267.D
Acq On : 08 Aug 2025 13:45
Operator : JC/MD
Sample : VX0808WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0808WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025

Quant Time: Aug 11 01:58:46 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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047267.D
 Acq On : 08 Aug 2025 13:45
 Operator : JC/MD
 Sample : VX0808WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBSD01

Manual Integrations APPROVED

Reviewed By : John Carlone 08/12/2025
 Supervised By : Mahesh Dadoda 08/12/2025

Quant Time: Aug 11 01:58:46 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

