

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
 Data File : VX047214.D
 Acq On : 01 Aug 2025 18:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 02 00:30:01 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

Manual Integrations APPROVED

Reviewed By : John Carlone 08/04/2025
 Supervised By : Mahesh Dadoda 08/04/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	253862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	430781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	385886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	185980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	146220	46.238	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.480%		
35) Dibromofluoromethane	5.397	113	130230	48.963	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.920%		
50) Toluene-d8	8.647	98	388112	45.058	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.120%#		
62) 4-Bromofluorobenzene	11.079	95	175524	47.286	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	154089	45.697	ug/l	99
3) Chloromethane	1.313	50	132960	39.863	ug/l	97
4) Vinyl Chloride	1.392	62	166131	46.335	ug/l	97
5) Bromomethane	1.630	94	79004	40.564	ug/l	97
6) Chloroethane	1.709	64	95444	40.530	ug/l	99
7) Trichlorofluoromethane	1.904	101	253341	47.385	ug/l	99
8) Diethyl Ether	2.148	74	88253	46.817	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	151803	47.128	ug/l	99
10) Methyl Iodide	2.471	142	219269	66.793	ug/l	98
11) Tert butyl alcohol	2.959	59	70208	187.342	ug/l	99
12) 1,1-Dichloroethene	2.337	96	145515	45.611	ug/l	98
13) Acrolein	2.245	56	154597	227.047	ug/l	99
14) Allyl chloride	2.684	41	246541	42.751	ug/l	94
15) Acrylonitrile	3.075	53	334539	221.814	ug/l	99
16) Acetone	2.386	43	257573	203.321	ug/l	98
17) Carbon Disulfide	2.532	76	362535	39.280	ug/l	97
18) Methyl Acetate	2.715	43	182412	54.183	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	463538	47.741	ug/l	100
20) Methylene Chloride	2.806	84	158827	45.572	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	150393	46.067	ug/l	99
22) Diisopropyl ether	3.770	45	544600	49.118	ug/l	94
23) Vinyl Acetate	3.733	43	2103463	236.532	ug/l	99
24) 1,1-Dichloroethane	3.623	63	295457	47.921	ug/l	98
25) 2-Butanone	4.562	43	387798	210.232	ug/l	98
26) 2,2-Dichloropropane	4.489	77	220426	46.185	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	182632	47.241	ug/l	99
28) Bromochloromethane	4.910	49	144433	50.919	ug/l	99
29) Tetrahydrofuran	5.019	42	250664	210.612	ug/l	99
30) Chloroform	5.105	83	303226	48.315	ug/l	100
31) Cyclohexane	5.483	56	257295	43.523	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	259092	47.529	ug/l	99
36) 1,1-Dichloropropene	5.702	75	206585	45.565	ug/l	98
37) Ethyl Acetate	4.721	43	180066	43.101	ug/l	99
38) Carbon Tetrachloride	5.690	117	226978	46.905	ug/l	99
39) Methylcyclohexane	7.385	83	251760	44.475	ug/l	99
40) Benzene	6.050	78	613443	46.753	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
 Data File : VX047214.D
 Acq On : 01 Aug 2025 18:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/04/2025
 Supervised By : Mahesh Dadoda 08/04/2025

Quant Time: Aug 02 00:30:01 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	95203	43.583	ug/l	96
42) 1,2-Dichloroethane	6.092	62	222146	48.063	ug/l	99
43) Isopropyl Acetate	6.342	43	302510	46.447	ug/l	99
44) Trichloroethene	7.135	130	152737	45.395	ug/l	96
45) 1,2-Dichloropropane	7.434	63	156677	47.677	ug/l	100
46) Dibromomethane	7.586	93	112238	48.704	ug/l	99
47) Bromodichloromethane	7.824	83	240975	49.127	ug/l	99
48) Methyl methacrylate	7.696	41	159032	44.822	ug/l	100
49) 1,4-Dioxane	7.726	88	30550	757.045	ug/l #	67
51) 4-Methyl-2-Pentanone	8.574	43	868822	224.432	ug/l	100
52) Toluene	8.720	92	381875	47.333	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	223289	48.206	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	243377	48.007	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	147148	48.634	ug/l	98
56) Ethyl methacrylate	9.116	69	220946	49.327	ug/l	99
57) 1,3-Dichloropropane	9.305	76	251921	47.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	575969	231.079	ug/l	100
59) 2-Hexanone	9.427	43	580159	226.834	ug/l	100
60) Dibromochloromethane	9.519	129	173155	48.796	ug/l	100
61) 1,2-Dibromoethane	9.610	107	145722	46.061	ug/l	98
64) Tetrachloroethene	9.275	164	123584	44.426	ug/l	96
65) Chlorobenzene	10.079	112	426346	47.162	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	147660	48.515	ug/l	99
67) Ethyl Benzene	10.195	91	749620	47.426	ug/l	99
68) m/p-Xylenes	10.299	106	558065	94.348	ug/l	100
69) o-Xylene	10.640	106	268442	47.706	ug/l	100
70) Styrene	10.652	104	469818	48.691	ug/l	100
71) Bromoform	10.799	173	105926	45.816	ug/l	99
73) Isopropylbenzene	10.957	105	712943	48.590	ug/l	99
74) N-amyl acetate	10.841	43	268439	45.343	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	197348	47.086	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	158298m	45.985	ug/l	
77) Bromobenzene	11.195	156	170821	48.538	ug/l	100
78) n-propylbenzene	11.299	91	855708	48.804	ug/l	100
79) 2-Chlorotoluene	11.360	91	507772	48.447	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	590600	48.722	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	38427	28.760	ug/l	97
82) 4-Chlorotoluene	11.451	91	595871	48.707	ug/l	100
83) tert-Butylbenzene	11.713	119	602856	49.550	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	595104	49.220	ug/l	99
85) sec-Butylbenzene	11.890	105	741799	48.797	ug/l	99
86) p-Isopropyltoluene	12.006	119	621562	49.305	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	318736	47.665	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	320530	47.312	ug/l	98
89) n-Butylbenzene	12.329	91	585220	49.502	ug/l	99
90) Hexachloroethane	12.536	117	110477	48.987	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	305954	47.872	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37251	46.303	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	203580	48.212	ug/l	98
94) Hexachlorobutadiene	13.719	225	73800	51.391	ug/l	100
95) Naphthalene	13.774	128	593994	47.985	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	194260	47.754	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
Data File : VX047214.D
Acq On : 01 Aug 2025 18:07
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

Quant Time: Aug 02 00:30:01 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

Quant Time: Aug 02 00:30:01 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

