

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
 Data File : VX048380.D
 Acq On : 27 Oct 2025 18:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/28/2025
 Supervised By : Mahesh Dadoda 10/28/2025

Quant Time: Oct 28 01:58:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	140817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	246706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	224124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	113643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	101485	51.402	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.800%			
35) Dibromofluoromethane	5.373	113	64627	38.371	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 76.740%			
50) Toluene-d8	8.634	98	266155	45.085	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.160%#			
62) 4-Bromofluorobenzene	11.061	95	104304	46.443	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	61427	42.433	ug/l	96
3) Chloromethane	1.300	50	32863	24.321	ug/l	100
4) Vinyl Chloride	1.380	62	84051	67.174	ug/l	99
5) Bromomethane	1.617	94	30527	35.950	ug/l	100
6) Chloroethane	1.697	64	52530	71.445	ug/l	96
7) Trichlorofluoromethane	1.898	101	138460	57.699	ug/l	99
8) Diethyl Ether	2.136	74	51867	76.815	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	75659	49.789	ug/l	99
10) Methyl Iodide	2.459	142	282790	148.032	ug/l	99
11) Tert butyl alcohol	2.934	59	39853	203.302	ug/l	100
12) 1,1-Dichloroethene	2.325	96	75053	50.767	ug/l	100
13) Acrolein	2.233	56	49040	245.289	ug/l	97
14) Allyl chloride	2.666	41	132565	54.008	ug/l	98
15) Acrylonitrile	3.056	53	181155	256.282	ug/l	98
16) Acetone	2.373	43	139793	206.392	ug/l	99
17) Carbon Disulfide	2.520	76	204845	43.964	ug/l	99
18) Methyl Acetate	2.696	43	81069	57.312	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	269364	53.408	ug/l	96
20) Methylene Chloride	2.788	84	87312	52.905	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	81187	49.994	ug/l	97
22) Diisopropyl ether	3.751	45	295300	60.319	ug/l	96
23) Vinyl Acetate	3.715	43	1024205	261.903	ug/l	99
24) 1,1-Dichloroethane	3.605	63	161445	54.538	ug/l	100
25) 2-Butanone	4.538	43	204512	238.551	ug/l	99
26) 2,2-Dichloropropane	4.471	77	130151	48.711	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	99606	52.556	ug/l	99
28) Bromochloromethane	4.891	49	65961	53.740	ug/l	98
29) Tetrahydrofuran	4.989	42	135882	264.648	ug/l	99
30) Chloroform	5.086	83	164525	52.021	ug/l	96
31) Cyclohexane	5.464	56	127193	51.899	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	146545	50.277	ug/l	98
36) 1,1-Dichloropropene	5.684	75	107033	44.711	ug/l	99
37) Ethyl Acetate	4.696	43	100387	50.593	ug/l	98
38) Carbon Tetrachloride	5.672	117	124498	42.154	ug/l	97
39) Methylcyclohexane	7.366	83	127885	45.235	ug/l	98
40) Benzene	6.025	78	332325	47.815	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
 Data File : VX048380.D
 Acq On : 27 Oct 2025 18:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/28/2025
 Supervised By : Mahesh Dadoda 10/28/2025

Quant Time: Oct 28 01:58:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	54518	52.320	ug/l	99
42) 1,2-Dichloroethane	6.074	62	127723	49.801	ug/l	100
43) Isopropyl Acetate	6.324	43	171679	52.674	ug/l	99
44) Trichloroethene	7.110	130	83554	45.528	ug/l	98
45) 1,2-Dichloropropane	7.415	63	84231	50.974	ug/l	98
46) Dibromomethane	7.568	93	61356	47.659	ug/l	99
47) Bromodichloromethane	7.805	83	133217	47.926	ug/l	97
48) Methyl methacrylate	7.677	41	83676	50.877	ug/l	98
49) 1,4-Dioxane	7.641	88	17627	811.250	ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	473645	252.047	ug/l	97
52) Toluene	8.701	92	210277	47.624	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	120990	45.168	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	126345	43.718	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	78584	47.859	ug/l	99
56) Ethyl methacrylate	9.104	69	118736	49.439	ug/l	98
57) 1,3-Dichloropropane	9.293	76	137291	48.950	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	335436	259.685	ug/l	99
59) 2-Hexanone	9.415	43	324893	247.945	ug/l	100
60) Dibromochloromethane	9.506	129	97114	44.004	ug/l	98
61) 1,2-Dibromoethane	9.592	107	80599	46.044	ug/l	98
64) Tetrachloroethene	9.256	164	74347	44.436	ug/l	97
65) Chlorobenzene	10.061	112	232775	46.170	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	82537	44.571	ug/l	99
67) Ethyl Benzene	10.177	91	401983	46.830	ug/l	99
68) m/p-Xylenes	10.287	106	300620	94.258	ug/l	100
69) o-Xylene	10.622	106	146005	47.418	ug/l	99
70) Styrene	10.640	104	251273	47.926	ug/l	100
71) Bromoform	10.780	173	59358	40.106	ug/l #	100
73) Isopropylbenzene	10.945	105	380535	45.845	ug/l	99
74) N-amyl acetate	10.823	43	149758	50.864	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	99873	44.060	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	78344m	42.511	ug/l	
77) Bromobenzene	11.183	156	90748	43.602	ug/l	98
78) n-propylbenzene	11.286	91	449533	46.775	ug/l	99
79) 2-Chlorotoluene	11.347	91	267035	45.829	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	313707	45.669	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	22317	29.462	ug/l #	91
82) 4-Chlorotoluene	11.439	91	319192	46.147	ug/l	99
83) tert-Butylbenzene	11.695	119	318298	45.099	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	317986	46.386	ug/l	100
85) sec-Butylbenzene	11.872	105	384726	45.309	ug/l	100
86) p-Isopropyltoluene	11.987	119	331904	45.222	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	171365	43.676	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	172017	42.320	ug/l	99
89) n-Butylbenzene	12.311	91	308244	46.143	ug/l	99
90) Hexachloroethane	12.518	117	57474	39.655	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	160549	43.583	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	19726	42.872	ug/l	93
93) 1,2,4-Trichlorobenzene	13.566	180	108552	43.574	ug/l	100
94) Hexachlorobutadiene	13.707	225	43780	46.902	ug/l	96
95) Naphthalene	13.755	128	298363	45.206	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	100417	43.927	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
Data File : VX048380.D
Acq On : 27 Oct 2025 18:07
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

Quant Time: Oct 28 01:58:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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

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

