

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
 Data File : VX048126.D
 Acq On : 13 Oct 2025 08:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/14/2025
 Supervised By : Mahesh Dadoda 10/14/2025

Quant Time: Oct 14 01:48:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.525	168	154232	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	6.739	114	259451	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	223200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	109642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	122218	49.784	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.560%		
35) Dibromofluoromethane	5.361	113	96057	55.205	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	110.400%		
50) Toluene-d8	8.629	98	320023	53.153	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	106.300%		
62) 4-Bromofluorobenzene	11.061	95	118434	51.831	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.660%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	103463	64.782	ug/l	98
3) Chloromethane	1.301	50	121065	57.677	ug/l	100
4) Vinyl Chloride	1.380	62	131386	63.944	ug/l	100
5) Bromomethane	1.612	94	84717	65.021	ug/l	96
6) Chloroethane	1.691	64	81130	59.077	ug/l	99
7) Trichlorofluoromethane	1.892	101	196755	64.492	ug/l	100
8) Diethyl Ether	2.136	74	66781	53.511	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	110939	62.189	ug/l	99
10) Methyl Iodide	2.453	142	129313	46.479	ug/l	97
11) Tert butyl alcohol	2.934	59	56929	208.211	ug/l	96
12) 1,1-Dichloroethene	2.325	96	108573	59.251	ug/l	97
13) Acrolein	2.233	56	68559	272.102	ug/l	98
14) Allyl chloride	2.660	41	196379	51.934	ug/l	97
15) Acrylonitrile	3.050	53	248774	245.639	ug/l	99
16) Acetone	2.368	43	299583	280.657	ug/l	98
17) Carbon Disulfide	2.514	76	327782	65.341	ug/l	98
18) Methyl Acetate	2.697	43	102094	42.977	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	336820	50.353	ug/l	99
20) Methylene Chloride	2.788	84	122220	54.092	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	113608	57.586	ug/l	97
22) Diisopropyl ether	3.745	45	387319	52.853	ug/l	93
23) Vinyl Acetate	3.709	43	1524842	259.984	ug/l	100
24) 1,1-Dichloroethane	3.599	63	211944	54.414	ug/l	99
25) 2-Butanone	4.526	43	323611	243.044	ug/l	99
26) 2,2-Dichloropropane	4.459	77	176762	54.594	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	128687	53.263	ug/l	99
28) Bromochloromethane	4.879	49	83502	49.106	ug/l	99
29) Tetrahydrofuran	4.983	42	175527	219.136	ug/l	99
30) Chloroform	5.068	83	210135	53.388	ug/l	96
31) Cyclohexane	5.452	56	178045	54.883	ug/l	98
32) 1,1,1-Trichloroethane	5.361	97	185345	55.516	ug/l	99
36) 1,1-Dichloropropene	5.672	75	143574	56.468	ug/l	99
37) Ethyl Acetate	4.684	43	126824	46.586	ug/l	99
38) Carbon Tetrachloride	5.660	117	160504	58.100	ug/l	99
39) Methylcyclohexane	7.361	83	170322	59.013	ug/l	98
40) Benzene	6.013	78	430744	55.778	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
 Data File : VX048126.D
 Acq On : 13 Oct 2025 08:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/14/2025
 Supervised By : Mahesh Dadoda 10/14/2025

Quant Time: Oct 14 01:48:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	72107	51.306	ug/l	96
42) 1,2-Dichloroethane	6.062	62	154248	52.496	ug/l	98
43) Isopropyl Acetate	6.312	43	206326	46.211	ug/l	100
44) Trichloroethene	7.104	130	104133	55.775	ug/l	95
45) 1,2-Dichloropropane	7.409	63	105891	53.550	ug/l	99
46) Dibromomethane	7.562	93	76964	53.485	ug/l	98
47) Bromodichloromethane	7.799	83	162548	54.741	ug/l	100
48) Methyl methacrylate	7.671	41	104388	46.937	ug/l	98
49) 1,4-Dioxane	7.641	88	24111	1072.749	ug/l	96
51) 4-Methyl-2-Pentanone	8.549	43	569942	230.231	ug/l	99
52) Toluene	8.696	92	259802	54.605	ug/l	100
53) t-1,3-Dichloropropene	8.958	75	160828	53.099	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	176072	54.388	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	95272	51.931	ug/l	97
56) Ethyl methacrylate	9.098	69	139255	48.333	ug/l	98
57) 1,3-Dichloropropane	9.287	76	165863	52.630	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.220	63	336481	244.822	ug/l	100
59) 2-Hexanone	9.409	43	419911	236.180	ug/l	99
60) Dibromochloromethane	9.500	129	117709	55.685	ug/l	100
61) 1,2-Dibromoethane	9.592	107	97885	52.384	ug/l	100
64) Tetrachloroethene	9.257	164	84307	57.942	ug/l	97
65) Chlorobenzene	10.061	112	277555	54.737	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.147	131	96629	55.224	ug/l	97
67) Ethyl Benzene	10.177	91	490587	56.073	ug/l	99
68) m/p-Xylenes	10.281	106	369555	113.483	ug/l	99
69) o-Xylene	10.622	106	173309	55.023	ug/l	100
70) Styrene	10.634	104	303904	55.065	ug/l	99
71) Bromoform	10.781	173	71212	54.505	ug/l #	98
73) Isopropylbenzene	10.945	105	456852	54.807	ug/l	99
74) N-amyl acetate	10.823	43	173323	45.597	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	122425	48.544	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	100017m	45.055	ug/l	
77) Bromobenzene	11.177	156	107070	52.152	ug/l	98
78) n-propylbenzene	11.287	91	540893	54.892	ug/l	100
79) 2-Chlorotoluene	11.348	91	322270	53.398	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	370027	54.031	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	40429	46.443	ug/l	99
82) 4-Chlorotoluene	11.433	91	381746	53.556	ug/l	99
83) tert-Butylbenzene	11.695	119	369136	52.654	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	373978	53.862	ug/l	100
85) sec-Butylbenzene	11.872	105	450074	54.048	ug/l	99
86) p-Isopropyltoluene	11.988	119	379791	53.872	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	197717	51.849	ug/l	99
88) 1,4-Dichlorobenzene	12.018	146	202440	51.725	ug/l	100
89) n-Butylbenzene	12.311	91	352384	54.020	ug/l	99
90) Hexachloroethane	12.518	117	71735	57.956	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	188937	52.006	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	22649	44.358	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	115543	48.936	ug/l	97
94) Hexachlorobutadiene	13.707	225	42338	52.791	ug/l	97
95) Naphthalene	13.756	128	324021	45.067	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	109087	49.668	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048126.D
Acq On : 13 Oct 2025 08:55
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

Quant Time: Oct 14 01:48:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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: Oct 14 01:48:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

