

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
 Data File : VX047216.D
 Acq On : 04 Aug 2025 09:44
 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 08/05/2025
 Supervised By : Mahesh Dadoda 08/05/2025

Quant Time: Aug 05 02:52:58 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	285086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	469873	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	406977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	194547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160683	45.247	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.500%		
35) Dibromofluoromethane	5.385	113	143217	49.366	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.740%		
50) Toluene-d8	8.647	98	404675	43.072	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	86.140%#		
62) 4-Bromofluorobenzene	11.079	95	183638	45.356	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	191706	50.626	ug/l	100
3) Chloromethane	1.313	50	165046	44.063	ug/l	100
4) Vinyl Chloride	1.392	62	205304	50.989	ug/l	99
5) Bromomethane	1.630	94	101104	46.225	ug/l	94
6) Chloroethane	1.703	64	118821	44.931	ug/l	97
7) Trichlorofluoromethane	1.904	101	308773	51.428	ug/l	99
8) Diethyl Ether	2.142	74	107251	50.663	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	184458	50.994	ug/l	99
10) Methyl Iodide	2.465	142	259706	70.446	ug/l	99
11) Tert butyl alcohol	2.953	59	81580	194.217	ug/l	100
12) 1,1-Dichloroethene	2.337	96	176131	49.161	ug/l	96
13) Acrolein	2.246	56	173095	226.371	ug/l	99
14) Allyl chloride	2.678	41	296080	45.718	ug/l	93
15) Acrylonitrile	3.075	53	390085	230.315	ug/l	99
16) Acetone	2.386	43	384040	269.947	ug/l	98
17) Carbon Disulfide	2.526	76	447430	43.169	ug/l	100
18) Methyl Acetate	2.709	43	213655	56.513	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	548333	50.289	ug/l	100
20) Methylene Chloride	2.800	84	189380	48.387	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	176250	48.074	ug/l	98
22) Diisopropyl ether	3.764	45	640446	51.436	ug/l	92
23) Vinyl Acetate	3.727	43	2417166	242.038	ug/l	100
24) 1,1-Dichloroethane	3.617	63	348228	50.294	ug/l	99
25) 2-Butanone	4.556	43	458934	221.547	ug/l	97
26) 2,2-Dichloropropane	4.483	77	267458	49.902	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	212196	48.877	ug/l	100
28) Bromochloromethane	4.898	49	165950	52.097	ug/l	98
29) Tetrahydrofuran	5.013	42	280967	210.217	ug/l	98
30) Chloroform	5.099	83	347550	49.312	ug/l	99
31) Cyclohexane	5.477	56	292553	44.067	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	300668	49.115	ug/l	99
36) 1,1-Dichloropropene	5.696	75	229732	46.455	ug/l	100
37) Ethyl Acetate	4.715	43	204751	44.933	ug/l	98
38) Carbon Tetrachloride	5.684	117	259382	49.142	ug/l	97
39) Methylcyclohexane	7.379	83	280315	45.399	ug/l	96
40) Benzene	6.038	78	694725	48.543	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
 Data File : VX047216.D
 Acq On : 04 Aug 2025 09:44
 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 08/05/2025
 Supervised By : Mahesh Dadoda 08/05/2025

Quant Time: Aug 05 02:52:58 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	4.922	41	106459	44.682	ug/l	96
42) 1,2-Dichloroethane	6.086	62	253198	50.224	ug/l	98
43) Isopropyl Acetate	6.336	43	335632	47.246	ug/l	99
44) Trichloroethene	7.129	130	174961	47.674	ug/l	99
45) 1,2-Dichloropropane	7.428	63	177404	49.493	ug/l	96
46) Dibromomethane	7.580	93	123866	49.278	ug/l	100
47) Bromodichloromethane	7.818	83	274423	51.292	ug/l	96
48) Methyl methacrylate	7.690	41	174048	44.973	ug/l	99
49) 1,4-Dioxane	7.732	88	38376	871.859	ug/l #	60
51) 4-Methyl-2-Pentanone	8.574	43	949990	224.982	ug/l	99
52) Toluene	8.714	92	425441	48.346	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	252131	49.904	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	276296	49.966	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	162000	49.088	ug/l	99
56) Ethyl methacrylate	9.116	69	240675	49.262	ug/l	99
57) 1,3-Dichloropropane	9.305	76	276179	48.152	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	611669	224.985	ug/l	100
59) 2-Hexanone	9.427	43	636703	228.231	ug/l	100
60) Dibromochloromethane	9.519	129	196563	50.784	ug/l	100
61) 1,2-Dibromoethane	9.604	107	160847	46.612	ug/l	99
64) Tetrachloroethene	9.269	164	139292	47.477	ug/l	92
65) Chlorobenzene	10.080	112	468171	49.105	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	166480	51.864	ug/l	97
67) Ethyl Benzene	10.189	91	821556	49.284	ug/l	100
68) m/p-Xylenes	10.299	106	603645	96.765	ug/l	99
69) o-Xylene	10.640	106	297631	50.152	ug/l	99
70) Styrene	10.653	104	511226	50.237	ug/l	100
71) Bromoform	10.799	173	121609	49.874	ug/l	100
73) Isopropylbenzene	10.957	105	784193	51.092	ug/l	100
74) N-amyl acetate	10.842	43	284347	45.915	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	212962	48.574	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	176048m	48.889	ug/l	
77) Bromobenzene	11.195	156	186001	50.524	ug/l	100
78) n-propylbenzene	11.299	91	920270	50.175	ug/l	99
79) 2-Chlorotoluene	11.360	91	543096	49.535	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	641402	50.583	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	49744	35.590	ug/l	99
82) 4-Chlorotoluene	11.451	91	641761	50.148	ug/l	99
83) tert-Butylbenzene	11.713	119	652510	51.270	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	639445	50.558	ug/l	99
85) sec-Butylbenzene	11.884	105	798987	50.244	ug/l	99
86) p-Isopropyltoluene	12.006	119	667051	50.584	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	346190	49.491	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	347191	48.991	ug/l	98
89) n-Butylbenzene	12.329	91	622379	50.327	ug/l	100
90) Hexachloroethane	12.536	117	122040	51.731	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	328382	49.119	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	40366	47.965	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	220690	49.963	ug/l	99
94) Hexachlorobutadiene	13.725	225	74113	49.336	ug/l	96
95) Naphthalene	13.774	128	635607	49.086	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	209669	49.272	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
Data File : VX047216.D
Acq On : 04 Aug 2025 09:44
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 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

Quant Time: Aug 05 02:52:58 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

