

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
 Data File : VX045899.D
 Acq On : 23 Apr 2025 08:56
 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 04/24/2025
 Supervised By : Mahesh Dadoda 04/25/2025

Quant Time: Apr 24 02:12:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	95647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	161242	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	140950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	84126	48.096	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.200%		
35) Dibromofluoromethane	5.379	113	58690	51.302	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.600%		
50) Toluene-d8	8.641	98	192765	48.275	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.560%		
62) 4-Bromofluorobenzene	11.079	95	77324	53.163	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	106.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	73113	51.114	ug/l	98
3) Chloromethane	1.301	50	73797	50.219	ug/l	99
4) Vinyl Chloride	1.374	62	67248	50.005	ug/l	99
5) Bromomethane	1.593	94	31361	49.182	ug/l	98
6) Chloroethane	1.672	64	37676	52.804	ug/l	99
7) Trichlorofluoromethane	1.874	101	109633	54.669	ug/l	100
8) Diethyl Ether	2.130	74	34510	51.257	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	65622	55.843	ug/l	98
10) Methyl Iodide	2.447	142	80418	54.865	ug/l	98
11) Tert butyl alcohol	2.971	59	58610	249.330	ug/l	99
12) 1,1-Dichloroethene	2.313	96	58365	50.830	ug/l	99
13) Acrolein	2.233	56	64387	198.905	ug/l	98
14) Allyl chloride	2.654	41	116224	53.347	ug/l	98
15) Acrylonitrile	3.056	53	182529	245.986	ug/l	100
16) Acetone	2.380	43	182314	253.833	ug/l	98
17) Carbon Disulfide	2.502	76	140208	49.439	ug/l	99
18) Methyl Acetate	2.703	43	88934	53.780	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	213195	53.077	ug/l	97
20) Methylene Chloride	2.782	84	68975	51.296	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	60468	51.546	ug/l	100
22) Diisopropyl ether	3.757	45	226279	52.726	ug/l	96
23) Vinyl Acetate	3.715	43	1001616	270.128	ug/l	100
24) 1,1-Dichloroethane	3.599	63	126363	52.064	ug/l	99
25) 2-Butanone	4.550	43	260142	247.433	ug/l	100
26) 2,2-Dichloropropane	4.465	77	98883	63.058	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	73701	51.568	ug/l	98
28) Bromochloromethane	4.885	49	57093	48.678	ug/l	100
29) Tetrahydrofuran	4.995	42	163505	239.873	ug/l	99
30) Chloroform	5.086	83	130475	52.245	ug/l	96
31) Cyclohexane	5.458	56	111734	52.074	ug/l	98
32) 1,1,1-Trichloroethane	5.367	97	113019	53.482	ug/l	100
36) 1,1-Dichloropropene	5.684	75	85490	55.346	ug/l	99
37) Ethyl Acetate	4.702	43	99702	51.219	ug/l	100
38) Carbon Tetrachloride	5.666	117	97005	58.108	ug/l	98
39) Methylcyclohexane	7.373	83	112666	59.504	ug/l	99
40) Benzene	6.025	78	252897	53.608	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
 Data File : VX045899.D
 Acq On : 23 Apr 2025 08:56
 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 04/24/2025
 Supervised By : Mahesh Dadoda 04/25/2025

Quant Time: Apr 24 02:12:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	57662	56.142	ug/l	98
42) 1,2-Dichloroethane	6.080	62	108962	55.922	ug/l	99
43) Isopropyl Acetate	6.330	43	161701	54.808	ug/l	100
44) Trichloroethene	7.117	130	61712	55.037	ug/l	95
45) 1,2-Dichloropropane	7.421	63	64481	54.781	ug/l	94
46) Dibromomethane	7.574	93	49675	54.977	ug/l	99
47) Bromodichloromethane	7.812	83	100788	55.855	ug/l	97
48) Methyl methacrylate	7.690	41	85035	55.823	ug/l	98
49) 1,4-Dioxane	7.653	88	27054	981.628	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	525968	268.927	ug/l	100
52) Toluene	8.714	92	156390	54.786	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	93189	53.534	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	100632	59.345	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	61669	54.214	ug/l	96
56) Ethyl methacrylate	9.110	69	101413	57.607	ug/l	99
57) 1,3-Dichloropropane	9.305	76	107114	54.076	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	247364	277.765	ug/l	100
59) 2-Hexanone	9.427	43	383073	264.494	ug/l	100
60) Dibromochloromethane	9.519	129	71543	57.691	ug/l	98
61) 1,2-Dibromoethane	9.604	107	63489	55.136	ug/l	99
64) Tetrachloroethene	9.269	164	57896	58.178	ug/l	98
65) Chlorobenzene	10.073	112	167539	55.626	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	58745	56.179	ug/l	99
67) Ethyl Benzene	10.189	91	309233	57.326	ug/l	99
68) m/p-Xylenes	10.299	106	224676	114.517	ug/l	99
69) o-Xylene	10.640	106	109651	56.734	ug/l	99
70) Styrene	10.652	104	186682	58.523	ug/l	99
71) Bromoform	10.799	173	45100	57.764	ug/l #	99
73) Isopropylbenzene	10.957	105	294115	54.345	ug/l	99
74) N-amyl acetate	10.841	43	141219	54.549	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	91824	48.299	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82701m	50.180	ug/l	
77) Bromobenzene	11.195	156	65629	52.484	ug/l	99
78) n-propylbenzene	11.299	91	349327	56.038	ug/l	99
79) 2-Chlorotoluene	11.360	91	211251	53.009	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	250835	56.049	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26917	55.430	ug/l	99
82) 4-Chlorotoluene	11.451	91	249670	56.190	ug/l	100
83) tert-Butylbenzene	11.713	119	243641	54.990	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	253529	56.443	ug/l	99
85) sec-Butylbenzene	11.884	105	311103	57.168	ug/l	100
86) p-Isopropyltoluene	12.006	119	259221	57.778	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	122878	53.983	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	122455	53.065	ug/l	98
89) n-Butylbenzene	12.329	91	236910	60.894	ug/l	100
90) Hexachloroethane	12.536	117	44822	58.131	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	122014	53.916	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21567	54.243	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	70838	56.235	ug/l	99
94) Hexachlorobutadiene	13.725	225	31143	57.373	ug/l	99
95) Naphthalene	13.774	128	249249	53.170	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	72179	54.720	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
Data File : VX045899.D
Acq On : 23 Apr 2025 08:56
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 04/24/2025
Supervised By : Mahesh Dadoda 04/25/2025

Quant Time: Apr 24 02:12:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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\VX042325\
Data File : VX045899.D
Acq On : 23 Apr 2025 08:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Apr 24 02:12:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

