

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042425\
 Data File : VX045930.D
 Acq On : 24 Apr 2025 16:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Apr 25 02:28:08 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	81614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	142814	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	79471	53.247	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.500%			
35) Dibromofluoromethane	5.379	113	55429	54.703	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.400%			
50) Toluene-d8	8.647	98	183982	52.021	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.040%			
62) 4-Bromofluorobenzene	11.079	95	73858	57.332	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	62580	51.272	ug/l	98
3) Chloromethane	1.307	50	64541	51.472	ug/l	100
4) Vinyl Chloride	1.374	62	59474	51.828	ug/l	100
5) Bromomethane	1.593	94	27045	49.706	ug/l	98
6) Chloroethane	1.666	64	32448	53.296	ug/l	100
7) Trichlorofluoromethane	1.874	101	94275	55.094	ug/l	99
8) Diethyl Ether	2.130	74	31488	54.810	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	57925	57.769	ug/l	97
10) Methyl Iodide	2.441	142	71352	57.050	ug/l	97
11) Tert butyl alcohol	2.977	59	62970	313.938	ug/l	99
12) 1,1-Dichloroethene	2.307	96	53039	54.134	ug/l	97
13) Acrolein	2.233	56	77589	280.901	ug/l	100
14) Allyl chloride	2.654	41	105628	56.819	ug/l	100
15) Acrylonitrile	3.062	53	179176	282.986	ug/l	99
16) Acetone	2.380	43	169694	276.886	ug/l	98
17) Carbon Disulfide	2.502	76	113889	47.064	ug/l	100
18) Methyl Acetate	2.703	43	89750	63.605	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	201377	58.755	ug/l	99
20) Methylene Chloride	2.782	84	62254	54.258	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	55412	55.358	ug/l	99
22) Diisopropyl ether	3.757	45	213271	58.239	ug/l	94
23) Vinyl Acetate	3.715	43	941036	297.427	ug/l	100
24) 1,1-Dichloroethane	3.599	63	115700	55.867	ug/l	98
25) 2-Butanone	4.550	43	257283	286.791	ug/l	100
26) 2,2-Dichloropropane	4.471	77	79854	59.679	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	67638	55.464	ug/l	99
28) Bromochloromethane	4.885	49	50433	50.393	ug/l	99
29) Tetrahydrofuran	4.995	42	162188	278.853	ug/l	99
30) Chloroform	5.086	83	121199	56.875	ug/l	97
31) Cyclohexane	5.458	56	102314	55.883	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	105687	58.612	ug/l	98
36) 1,1-Dichloropropene	5.678	75	77413	56.584	ug/l	99
37) Ethyl Acetate	4.709	43	96261	55.833	ug/l	99
38) Carbon Tetrachloride	5.666	117	88887	60.116	ug/l	98
39) Methylcyclohexane	7.373	83	98688	58.847	ug/l	93
40) Benzene	6.031	78	234275	56.069	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042425\
 Data File : VX045930.D
 Acq On : 24 Apr 2025 16:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Apr 25 02:28:08 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	54132	59.506	ug/l	98
42) 1,2-Dichloroethane	6.080	62	102405	59.339	ug/l	99
43) Isopropyl Acetate	6.342	43	157814	60.393	ug/l	100
44) Trichloroethene	7.117	130	55509	55.893	ug/l	94
45) 1,2-Dichloropropane	7.421	63	59778	57.339	ug/l	95
46) Dibromomethane	7.574	93	46085	57.585	ug/l	98
47) Bromodichloromethane	7.812	83	92730	58.020	ug/l	99
48) Methyl methacrylate	7.690	41	81862	60.675	ug/l	99
49) 1,4-Dioxane	7.659	88	25905	1061.223	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	523875	302.420	ug/l	100
52) Toluene	8.714	92	146011	57.750	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	84605	54.816	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	93630	62.341	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	57731	57.301	ug/l	96
56) Ethyl methacrylate	9.116	69	99088	63.549	ug/l	99
57) 1,3-Dichloropropane	9.305	76	101864	58.061	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	232155	294.325	ug/l	99
59) 2-Hexanone	9.427	43	386909	301.614	ug/l	100
60) Dibromochloromethane	9.519	129	65823	59.928	ug/l	98
61) 1,2-Dibromoethane	9.604	107	60312	59.135	ug/l	99
64) Tetrachloroethene	9.269	164	48693	54.666	ug/l	97
65) Chlorobenzene	10.073	112	156145	57.920	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	54529	58.260	ug/l	99
67) Ethyl Benzene	10.189	91	287823	59.611	ug/l	100
68) m/p-Xylenes	10.299	106	209381	119.230	ug/l	99
69) o-Xylene	10.640	106	103422	59.784	ug/l	99
70) Styrene	10.653	104	175204	61.362	ug/l	99
71) Bromoform	10.799	173	41379	59.210	ug/l #	98
73) Isopropylbenzene	10.957	105	276006	56.588	ug/l	99
74) N-amyl acetate	10.842	43	139571	59.822	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	90538	52.842	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	79407m	53.463	ug/l	
77) Bromobenzene	11.195	156	61198	54.304	ug/l	98
78) n-propylbenzene	11.299	91	325870	58.005	ug/l	100
79) 2-Chlorotoluene	11.360	91	201143	56.005	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	237172	58.805	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23725	54.212	ug/l	97
82) 4-Chlorotoluene	11.451	91	232896	58.160	ug/l	100
83) tert-Butylbenzene	11.713	119	232090	58.124	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	238900	59.016	ug/l	99
85) sec-Butylbenzene	11.890	105	294145	59.976	ug/l	100
86) p-Isopropyltoluene	12.006	119	243887	60.318	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	115184	56.149	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	114977	55.286	ug/l	98
89) n-Butylbenzene	12.329	91	218213	62.236	ug/l	100
90) Hexachloroethane	12.536	117	41387	59.560	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	112207	55.017	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21117	58.932	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	66578	58.646	ug/l	98
94) Hexachlorobutadiene	13.725	225	27451	56.114	ug/l	97
95) Naphthalene	13.774	128	244893	57.967	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	67445	56.736	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042425\
Data File : VX045930.D
Acq On : 24 Apr 2025 16:27
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

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

Quant Time: Apr 25 02:28:08 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

