

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041425\
 Data File : VX045782.D
 Acq On : 14 Apr 2025 20:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/15/2025
 Supervised By :Mahesh Dadoda 04/15/2025

Quant Time: Apr 15 01:32:10 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	5.543	168	92910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	163985	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83112	48.916	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.840%		
35) Dibromofluoromethane	5.379	113	57458	49.385	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.760%		
50) Toluene-d8	8.647	98	195490	48.139	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.280%		
62) 4-Bromofluorobenzene	11.079	95	75483	51.029	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	67957	48.909	ug/l	98
3) Chloromethane	1.300	50	64232	44.998	ug/l	97
4) Vinyl Chloride	1.373	62	59536	45.574	ug/l	100
5) Bromomethane	1.593	94	26503	42.788	ug/l	95
6) Chloroethane	1.672	64	34882	50.329	ug/l	100
7) Trichlorofluoromethane	1.879	101	98078	50.348	ug/l	99
8) Diethyl Ether	2.129	74	31975	48.891	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	57571	50.435	ug/l	97
10) Methyl Iodide	2.446	142	70260	49.347	ug/l	97
11) Tert butyl alcohol	2.971	59	57695	252.668	ug/l	100
12) 1,1-Dichloroethene	2.312	96	52233	46.830	ug/l	97
13) Acrolein	2.233	56	70477	224.132	ug/l	99
14) Allyl chloride	2.660	41	103947	49.117	ug/l	100
15) Acrylonitrile	3.062	53	175787	243.879	ug/l	99
16) Acetone	2.379	43	166694	238.922	ug/l	99
17) Carbon Disulfide	2.507	76	106906	38.807	ug/l	100
18) Methyl Acetate	2.703	43	91566	57.003	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	197170	50.533	ug/l	99
20) Methylene Chloride	2.782	84	61254	46.896	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	52974	46.488	ug/l	96
22) Diisopropyl ether	3.757	45	211784	50.802	ug/l	93
23) Vinyl Acetate	3.715	43	904069	251.003	ug/l	99
24) 1,1-Dichloroethane	3.605	63	114482	48.558	ug/l	100
25) 2-Butanone	4.550	43	253248	247.972	ug/l	100
26) 2,2-Dichloropropane	4.470	77	76643	50.315	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	66840	48.145	ug/l	98
28) Bromochloromethane	4.891	49	52659	46.220	ug/l	99
29) Tetrahydrofuran	5.001	42	159259	240.526	ug/l	99
30) Chloroform	5.086	83	121645	50.144	ug/l	100
31) Cyclohexane	5.458	56	97583	46.819	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	103218	50.283	ug/l	99
36) 1,1-Dichloropropene	5.684	75	76389	48.627	ug/l	97
37) Ethyl Acetate	4.708	43	94889	47.931	ug/l	99
38) Carbon Tetrachloride	5.672	117	86572	50.991	ug/l	98
39) Methylcyclohexane	7.372	83	93283	48.443	ug/l	98
40) Benzene	6.031	78	230817	48.109	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041425\
 Data File : VX045782.D
 Acq On : 14 Apr 2025 20:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/15/2025
 Supervised By :Mahesh Dadoda 04/15/2025

Quant Time: Apr 15 01:32:10 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	4.909	41	55434	53.070	ug/l	99
42) 1,2-Dichloroethane	6.080	62	101481	51.212	ug/l	99
43) Isopropyl Acetate	6.336	43	151482	50.486	ug/l	100
44) Trichloroethene	7.122	130	54324	47.638	ug/l	90
45) 1,2-Dichloropropane	7.427	63	59689	49.862	ug/l	100
46) Dibromomethane	7.580	93	45638	49.664	ug/l	98
47) Bromodichloromethane	7.817	83	92094	50.183	ug/l	96
48) Methyl methacrylate	7.689	41	80315	51.843	ug/l	98
49) 1,4-Dioxane	7.659	88	28604	1020.508	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	512461	257.638	ug/l	100
52) Toluene	8.714	92	142606	49.121	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	80736	45.943	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	90143	52.270	ug/l	98
55) 1,1,2-Trichloroethane	9.146	97	57814	49.975	ug/l	98
56) Ethyl methacrylate	9.116	69	94309	52.676	ug/l	98
57) 1,3-Dichloropropane	9.305	76	102140	50.702	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	243189	268.510	ug/l	99
59) 2-Hexanone	9.427	43	378506	256.969	ug/l	100
60) Dibromochloromethane	9.518	129	64388	51.053	ug/l	99
61) 1,2-Dibromoethane	9.604	107	58716	50.138	ug/l	100
64) Tetrachloroethene	9.268	164	47885	47.233	ug/l	98
65) Chlorobenzene	10.073	112	153735	50.103	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	53054	49.803	ug/l	99
67) Ethyl Benzene	10.189	91	277845	50.559	ug/l	100
68) m/p-Xylenes	10.299	106	200449	100.288	ug/l	98
69) o-Xylene	10.640	106	100489	51.037	ug/l	100
70) Styrene	10.652	104	169234	52.076	ug/l	99
71) Bromoform	10.799	173	39967	50.247	ug/l #	96
73) Isopropylbenzene	10.957	105	268302	49.004	ug/l	100
74) N-amyl acetate	10.841	43	133886	51.121	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	88816	46.178	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	78201m	46.904	ug/l	
77) Bromobenzene	11.195	156	61787	48.842	ug/l	98
78) n-propylbenzene	11.299	91	312157	49.499	ug/l	100
79) 2-Chlorotoluene	11.360	91	193803	48.071	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	222476	49.140	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23437	47.708	ug/l	99
82) 4-Chlorotoluene	11.451	91	223573	49.738	ug/l	100
83) tert-Butylbenzene	11.713	119	220621	49.221	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	227563	50.079	ug/l	99
85) sec-Butylbenzene	11.890	105	277786	50.458	ug/l	100
86) p-Isopropyltoluene	12.006	119	225734	49.735	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	111483	48.413	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	110298	47.247	ug/l	98
89) n-Butylbenzene	12.329	91	203233	51.637	ug/l	99
90) Hexachloroethane	12.536	117	39470	50.601	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	110075	48.080	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	20261	50.371	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	63083	49.502	ug/l	99
94) Hexachlorobutadiene	13.725	225	26891	48.969	ug/l	99
95) Naphthalene	13.774	128	241634	50.952	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	65223	48.878	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041425\
Data File : VX045782.D
Acq On : 14 Apr 2025 20:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/15/2025
Supervised By :Mahesh Dadoda 04/15/2025

Quant Time: Apr 15 01:32:10 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

