

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045153.D
 Acq On : 05 Mar 2025 19:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 06 01:12:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/06/2025
 Supervised By : Mahesh Dadoda 03/06/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	93850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168125	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75557	50.614	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.220%			
35) Dibromofluoromethane	5.379	113	57803	51.417	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.840%			
50) Toluene-d8	8.647	98	209510	51.405	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.820%			
62) 4-Bromofluorobenzene	11.079	95	72020	53.327	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	58222	49.284	ug/l	94
3) Chloromethane	1.306	50	68156	47.143	ug/l	98
4) Vinyl Chloride	1.374	62	69213	48.260	ug/l	97
5) Bromomethane	1.593	94	26406	46.836	ug/l	100
6) Chloroethane	1.660	64	27648	41.794	ug/l	97
7) Trichlorofluoromethane	1.867	101	93635	49.318	ug/l	99
8) Diethyl Ether	2.136	74	35755	48.148	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.318	101	56579	51.871	ug/l	98
10) Methyl Iodide	2.440	142	72649	53.296	ug/l	99
11) Tert butyl alcohol	2.995	59	57290	202.607	ug/l	98
12) 1,1-Dichloroethene	2.306	96	56275	48.798	ug/l	99
13) Acrolein	2.239	56	82132	251.270	ug/l	99
14) Allyl chloride	2.654	41	103911	50.620	ug/l	100
15) Acrylonitrile	3.068	53	192140	253.536	ug/l	99
16) Acetone	2.386	43	165876	239.489	ug/l	100
17) Carbon Disulfide	2.501	76	137095	44.634	ug/l	98
18) Methyl Acetate	2.709	43	87853	52.726	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	189749	49.043	ug/l	98
20) Methylene Chloride	2.782	84	66025	48.123	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	57861	50.786	ug/l	96
22) Diisopropyl ether	3.763	45	214253	51.320	ug/l	97
23) Vinyl Acetate	3.721	43	895019	256.898	ug/l	99
24) 1,1-Dichloroethane	3.605	63	115367	49.308	ug/l	98
25) 2-Butanone	4.562	43	265659	254.812	ug/l	100
26) 2,2-Dichloropropane	4.471	77	68481	62.400	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	70433	50.080	ug/l	97
28) Bromochloromethane	4.891	49	57228	51.315	ug/l	99
29) Tetrahydrofuran	5.007	42	170702	243.812	ug/l	99
30) Chloroform	5.086	83	115616	49.732	ug/l	98
31) Cyclohexane	5.464	56	103443	50.932	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	92566	49.299	ug/l	99
36) 1,1-Dichloropropene	5.684	75	76780	49.801	ug/l	99
37) Ethyl Acetate	4.714	43	98053	49.357	ug/l	99
38) Carbon Tetrachloride	5.665	117	76232	48.703	ug/l	97
39) Methylcyclohexane	7.372	83	99184	53.690	ug/l	97
40) Benzene	6.031	78	249301	51.207	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045153.D
 Acq On : 05 Mar 2025 19:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 06 01:12:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/06/2025
 Supervised By : Mahesh Dadoda 03/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	56881	52.952	ug/l	99
42) 1,2-Dichloroethane	6.080	62	88230	50.327	ug/l	99
43) Isopropyl Acetate	6.342	43	149495	50.889	ug/l	100
44) Trichloroethene	7.123	130	56587	49.501	ug/l	99
45) 1,2-Dichloropropane	7.427	63	61198	48.891	ug/l	100
46) Dibromomethane	7.580	93	45193	51.081	ug/l	97
47) Bromodichloromethane	7.818	83	86679	49.948	ug/l	99
48) Methyl methacrylate	7.689	41	76619	51.988	ug/l	98
49) 1,4-Dioxane	7.665	88	31758	1021.547	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	516166	261.685	ug/l	100
52) Toluene	8.714	92	149528	52.348	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	76325	52.609	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	88519	52.323	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	59852	50.898	ug/l	99
56) Ethyl methacrylate	9.116	69	93777	52.463	ug/l	99
57) 1,3-Dichloropropane	9.305	76	104022	51.116	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	249538	286.186	ug/l	99
59) 2-Hexanone	9.433	43	382564	267.688	ug/l	99
60) Dibromochloromethane	9.518	129	62767	51.050	ug/l	100
61) 1,2-Dibromoethane	9.610	107	59624	50.791	ug/l	99
64) Tetrachloroethene	9.268	164	47780	50.551	ug/l	93
65) Chlorobenzene	10.079	112	158300	50.693	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	51130	49.166	ug/l	98
67) Ethyl Benzene	10.189	91	284998	52.378	ug/l	99
68) m/p-Xylenes	10.299	106	211444	106.153	ug/l	100
69) o-Xylene	10.640	106	103833	51.686	ug/l	100
70) Styrene	10.652	104	172838	53.171	ug/l	100
71) Bromoform	10.799	173	39383	50.220	ug/l #	98
73) Isopropylbenzene	10.963	105	270381	51.901	ug/l	99
74) N-amyl acetate	10.841	43	125993	51.541	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	93883	49.109	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	75382m	48.525	ug/l	
77) Bromobenzene	11.195	156	61978	50.423	ug/l	98
78) n-propylbenzene	11.305	91	313933	53.345	ug/l	98
79) 2-Chlorotoluene	11.360	91	186655	49.803	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	219500	52.109	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21881	48.202	ug/l	90
82) 4-Chlorotoluene	11.451	91	210806	51.609	ug/l	100
83) tert-Butylbenzene	11.713	119	218731	50.538	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	221015	52.146	ug/l	100
85) sec-Butylbenzene	11.890	105	276287	53.291	ug/l	100
86) p-Isopropyltoluene	12.006	119	223930	53.447	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	111895	51.030	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	111023	50.046	ug/l	98
89) n-Butylbenzene	12.329	91	201568	55.859	ug/l	99
90) Hexachloroethane	12.536	117	36716	48.449	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	111910	50.877	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18832	50.564	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	66839	53.365	ug/l	98
94) Hexachlorobutadiene	13.725	225	27284	53.134	ug/l	97
95) Naphthalene	13.774	128	257643	53.540	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	69649	52.712	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
Data File : VX045153.D
Acq On : 05 Mar 2025 19:24
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

Quant Time: Mar 06 01:12:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

