

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045347.D
 Acq On : 20 Mar 2025 09:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 21 01:40:50 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 03/21/2025
 Supervised By : Mahesh Dadoda 03/21/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	94097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	160941	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	139446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82508	55.125	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.240%			
35) Dibromofluoromethane	5.379	113	61401	57.055	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.120%			
50) Toluene-d8	8.647	98	211503	54.211	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.420%			
62) 4-Bromofluorobenzene	11.079	95	74611	57.711	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 115.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	59746	50.442	ug/l	97
3) Chloromethane	1.307	50	64302	44.361	ug/l	96
4) Vinyl Chloride	1.374	62	61838	43.004	ug/l	95
5) Bromomethane	1.593	94	25902	45.822	ug/l	97
6) Chloroethane	1.660	64	29735	44.831	ug/l	100
7) Trichlorofluoromethane	1.868	101	92068	48.366	ug/l	99
8) Diethyl Ether	2.130	74	32644	43.843	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.313	101	61677	56.396	ug/l	99
10) Methyl Iodide	2.441	142	71548	52.350	ug/l	96
11) Tert butyl alcohol	2.983	59	66006	232.818	ug/l	99
12) 1,1-Dichloroethene	2.307	96	57166	49.441	ug/l	99
13) Acrolein	2.239	56	75371	229.981	ug/l	98
14) Allyl chloride	2.654	41	110322	53.602	ug/l	97
15) Acrylonitrile	3.062	53	200634	264.049	ug/l	99
16) Acetone	2.386	43	196313	282.690	ug/l	99
17) Carbon Disulfide	2.496	76	128203	41.629	ug/l	97
18) Methyl Acetate	2.703	43	110994	66.439	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	201610	51.972	ug/l	99
20) Methylene Chloride	2.782	84	68099	49.504	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	56672	49.612	ug/l	97
22) Diisopropyl ether	3.757	45	218443	52.186	ug/l	93
23) Vinyl Acetate	3.715	43	911566	260.960	ug/l	98
24) 1,1-Dichloroethane	3.599	63	119458	50.922	ug/l	99
25) 2-Butanone	4.556	43	286555	274.133	ug/l	96
26) 2,2-Dichloropropane	4.465	77	86451	78.567	ug/l	94
27) cis-1,2-Dichloroethene	4.477	96	71053	50.388	ug/l	92
28) Bromochloromethane	4.891	49	56750	50.753	ug/l	99
29) Tetrahydrofuran	5.001	42	176238	251.058	ug/l	99
30) Chloroform	5.087	83	120782	51.818	ug/l	100
31) Cyclohexane	5.452	56	99254	48.741	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	100201	53.226	ug/l	98
36) 1,1-Dichloropropene	5.678	75	77237	52.334	ug/l	99
37) Ethyl Acetate	4.715	43	102186	53.733	ug/l	99
38) Carbon Tetrachloride	5.666	117	84612	56.470	ug/l	98
39) Methylcyclohexane	7.373	83	97687	55.240	ug/l	96
40) Benzene	6.025	78	242215	51.973	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	59716	58.072	ug/l	99
42) 1,2-Dichloroethane	6.080	62	96672	57.604	ug/l	97
43) Isopropyl Acetate	6.336	43	160232	56.979	ug/l	99
44) Trichloroethene	7.117	130	56744	51.854	ug/l	100
45) 1,2-Dichloropropane	7.421	63	64615	53.925	ug/l	98
46) Dibromomethane	7.574	93	47119	55.635	ug/l	97
47) Bromodichloromethane	7.818	83	94372	56.808	ug/l	99
48) Methyl methacrylate	7.690	41	80819	57.285	ug/l	96
49) 1,4-Dioxane	7.665	88	29379	987.206	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	540720	286.370	ug/l	99
52) Toluene	8.714	92	146417	53.547	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	84772	61.040	ug/l	95
54) cis-1,3-Dichloropropene	8.360	75	96208	59.407	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	60462	53.712	ug/l	97
56) Ethyl methacrylate	9.116	69	96357	56.313	ug/l	95
57) 1,3-Dichloropropane	9.305	76	106148	54.489	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	258027	309.131	ug/l	98
59) 2-Hexanone	9.427	43	395325	288.965	ug/l	99
60) Dibromochloromethane	9.519	129	67728	57.543	ug/l	98
61) 1,2-Dibromoethane	9.604	107	60702	54.017	ug/l	100
64) Tetrachloroethene	9.269	164	48599	54.416	ug/l	98
65) Chlorobenzene	10.073	112	159759	54.144	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	54037	54.992	ug/l	99
67) Ethyl Benzene	10.189	91	286365	55.699	ug/l	100
68) m/p-Xylenes	10.299	106	211033	112.126	ug/l	97
69) o-Xylene	10.640	106	102643	54.073	ug/l	97
70) Styrene	10.653	104	173421	56.462	ug/l	98
71) Bromoform	10.799	173	43429	58.610	ug/l #	99
73) Isopropylbenzene	10.957	105	272973	54.526	ug/l	99
74) N-amyl acetate	10.842	43	131333	55.907	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	93995	51.164	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	78826m	52.802	ug/l	
77) Bromobenzene	11.195	156	60575	51.283	ug/l	95
78) n-propylbenzene	11.305	91	320714	56.710	ug/l	99
79) 2-Chlorotoluene	11.360	91	192413	53.424	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	222755	55.029	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	25918	59.413	ug/l	92
82) 4-Chlorotoluene	11.451	91	215413	54.878	ug/l	99
83) tert-Butylbenzene	11.713	119	224427	53.959	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	224842	55.202	ug/l	98
85) sec-Butylbenzene	11.890	105	285577	57.320	ug/l	99
86) p-Isopropyltoluene	12.006	119	232345	57.707	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	112042	53.171	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	110569	51.865	ug/l	98
89) n-Butylbenzene	12.329	91	211674	61.041	ug/l	100
90) Hexachloroethane	12.536	117	41788	57.380	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	112628	53.282	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20610	57.585	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	68746	57.116	ug/l	99
94) Hexachlorobutadiene	13.725	225	29525	59.832	ug/l	98
95) Naphthalene	13.774	128	256043	55.368	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	71037	55.945	ug/l	99

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

