

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031225\
 Data File : VX045255.D
 Acq On : 12 Mar 2025 17:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 13 01:45:18 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 03/13/2025
 Supervised By : Mahesh Dadoda 03/13/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	93396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	164368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	146495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	79500	53.514	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.020%			
35) Dibromofluoromethane	5.379	113	60174	54.749	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.500%			
50) Toluene-d8	8.647	98	213132	53.489	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.980%			
62) 4-Bromofluorobenzene	11.079	95	75812	57.417	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57591	48.987	ug/l	93
3) Chloromethane	1.307	50	66918	46.512	ug/l	96
4) Vinyl Chloride	1.374	62	64013	44.851	ug/l	98
5) Bromomethane	1.593	94	28286	50.415	ug/l	100
6) Chloroethane	1.666	64	35330	53.667	ug/l	97
7) Trichlorofluoromethane	1.874	101	95550	50.572	ug/l	98
8) Diethyl Ether	2.130	74	34106	46.150	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	59218	54.554	ug/l	99
10) Methyl Iodide	2.447	142	74674	55.048	ug/l	97
11) Tert butyl alcohol	2.977	59	58436	207.664	ug/l	99
12) 1,1-Dichloroethene	2.313	96	57422	50.035	ug/l	99
13) Acrolein	2.233	56	80984	248.962	ug/l	98
14) Allyl chloride	2.654	41	110910	54.292	ug/l	97
15) Acrylonitrile	3.062	53	201614	267.331	ug/l	100
16) Acetone	2.380	43	178671	259.217	ug/l	98
17) Carbon Disulfide	2.502	76	133037	43.523	ug/l	97
18) Methyl Acetate	2.703	43	98551	59.434	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	198728	51.613	ug/l	99
20) Methylene Chloride	2.782	84	68354	50.063	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	57514	50.727	ug/l	99
22) Diisopropyl ether	3.757	45	219898	52.928	ug/l	90
23) Vinyl Acetate	3.721	43	917878	264.740	ug/l	99
24) 1,1-Dichloroethane	3.605	63	121070	51.997	ug/l	98
25) 2-Butanone	4.556	43	280679	270.527	ug/l	100
26) 2,2-Dichloropropane	4.465	77	78898	72.241	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	71890	51.364	ug/l	93
28) Bromochloromethane	4.891	49	55439	49.953	ug/l	99
29) Tetrahydrofuran	5.001	42	177084	254.157	ug/l	100
30) Chloroform	5.086	83	120307	52.001	ug/l	100
31) Cyclohexane	5.458	56	102229	50.579	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	98373	52.647	ug/l	98
36) 1,1-Dichloropropene	5.690	75	78386	52.005	ug/l	99
37) Ethyl Acetate	4.708	43	102503	52.776	ug/l	99
38) Carbon Tetrachloride	5.672	117	80618	52.683	ug/l	99
39) Methylcyclohexane	7.373	83	99499	55.091	ug/l	99
40) Benzene	6.031	78	250003	52.525	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	59513	56.668	ug/l	99
42) 1,2-Dichloroethane	6.080	62	94681	55.241	ug/l	99
43) Isopropyl Acetate	6.336	43	159069	55.386	ug/l	100
44) Trichloroethene	7.123	130	57915	51.820	ug/l	100
45) 1,2-Dichloropropane	7.428	63	63147	51.601	ug/l	99
46) Dibromomethane	7.574	93	47112	54.467	ug/l	97
47) Bromodichloromethane	7.818	83	94011	55.411	ug/l	100
48) Methyl methacrylate	7.690	41	80635	55.963	ug/l	97
49) 1,4-Dioxane	7.659	88	26677	877.723	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	545448	282.851	ug/l	100
52) Toluene	8.714	92	152454	54.592	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	81984	57.801	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	95282	57.608	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	62455	54.326	ug/l	99
56) Ethyl methacrylate	9.116	69	99307	56.827	ug/l	96
57) 1,3-Dichloropropane	9.305	76	108760	54.666	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	257633	302.223	ug/l	99
59) 2-Hexanone	9.427	43	394107	282.068	ug/l	100
60) Dibromochloromethane	9.519	129	67396	56.067	ug/l	100
61) 1,2-Dibromoethane	9.604	107	62339	54.317	ug/l	98
64) Tetrachloroethene	9.269	164	48618	51.818	ug/l	98
65) Chlorobenzene	10.079	112	162262	52.346	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	54040	52.349	ug/l	97
67) Ethyl Benzene	10.189	91	294120	54.454	ug/l	99
68) m/p-Xylenes	10.299	106	216917	109.706	ug/l	99
69) o-Xylene	10.640	106	108543	54.430	ug/l	99
70) Styrene	10.653	104	179718	55.697	ug/l	99
71) Bromoform	10.799	173	41558	53.386	ug/l #	99
73) Isopropylbenzene	10.957	105	281848	56.246	ug/l	99
74) N-amyl acetate	10.842	43	131774	56.043	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	93844	51.034	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	79124m	52.952	ug/l	
77) Bromobenzene	11.195	156	63287	53.528	ug/l	98
78) n-propylbenzene	11.299	91	327763	57.903	ug/l	98
79) 2-Chlorotoluene	11.360	91	193334	53.629	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	226942	56.011	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24319	55.696	ug/l	93
82) 4-Chlorotoluene	11.451	91	219795	55.942	ug/l	99
83) tert-Butylbenzene	11.713	119	229318	55.084	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	227959	55.915	ug/l	99
85) sec-Butylbenzene	11.890	105	289541	58.061	ug/l	98
86) p-Isopropyltoluene	12.006	119	230863	57.285	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	112951	53.552	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	112234	52.597	ug/l	99
89) n-Butylbenzene	12.329	91	208311	60.015	ug/l	100
90) Hexachloroethane	12.536	117	39749	54.530	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	111724	52.805	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19355	54.028	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	65467	54.341	ug/l	99
94) Hexachlorobutadiene	13.725	225	26325	53.298	ug/l	98
95) Naphthalene	13.774	128	248016	53.582	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	66692	52.474	ug/l	98

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

