

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
 Data File : VX046037.D
 Acq On : 02 May 2025 18:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 02 23:21:47 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/05/2025
 Supervised By : Semsettin Yesilyurt 05/05/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	73321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134907	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75105	56.013	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.020%			
35) Dibromofluoromethane	5.379	113	51811	54.130	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.260%			
50) Toluene-d8	8.647	98	167826	50.234	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.460%			
62) 4-Bromofluorobenzene	11.079	95	68587	56.361	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.720%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	53424	48.722	ug/l	100
3) Chloromethane	1.307	50	56684	50.319	ug/l	100
4) Vinyl Chloride	1.374	62	53399	51.797	ug/l	98
5) Bromomethane	1.593	94	23005	47.063	ug/l	98
6) Chloroethane	1.666	64	29885	54.639	ug/l	97
7) Trichlorofluoromethane	1.874	101	81852	53.244	ug/l	100
8) Diethyl Ether	2.130	74	28985	56.160	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	49783	55.264	ug/l	99
10) Methyl Iodide	2.441	142	64819	57.688	ug/l	98
11) Tert butyl alcohol	2.983	59	66616	369.679	ug/l	99
12) 1,1-Dichloroethene	2.306	96	47883	54.399	ug/l	97
13) Acrolein	2.233	56	64811	261.179	ug/l	100
14) Allyl chloride	2.654	41	96112	57.548	ug/l	99
15) Acrylonitrile	3.062	53	177721	312.435	ug/l	99
16) Acetone	2.386	43	174232	316.446	ug/l	99
17) Carbon Disulfide	2.502	76	91472	42.075	ug/l	99
18) Methyl Acetate	2.703	43	105975	83.599	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	193490	62.839	ug/l	100
20) Methylene Chloride	2.782	84	58635	56.884	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	48856	54.329	ug/l	97
22) Diisopropyl ether	3.764	45	203203	61.766	ug/l	99
23) Vinyl Acetate	3.721	43	862359	303.388	ug/l	100
24) 1,1-Dichloroethane	3.605	63	108315	58.217	ug/l	99
25) 2-Butanone	4.556	43	264670	328.394	ug/l	98
26) 2,2-Dichloropropane	4.471	77	60302	50.164	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	64092	58.500	ug/l	97
28) Bromochloromethane	4.891	49	46071	51.241	ug/l	98
29) Tetrahydrofuran	5.007	42	165855	317.410	ug/l	99
30) Chloroform	5.086	83	113661	59.370	ug/l	98
31) Cyclohexane	5.464	56	87297	53.074	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	96012	59.269	ug/l	100
36) 1,1-Dichloropropene	5.684	75	69310	53.630	ug/l	98
37) Ethyl Acetate	4.715	43	96912	59.505	ug/l	99
38) Carbon Tetrachloride	5.672	117	78864	56.463	ug/l	99
39) Methylcyclohexane	7.379	83	84843	53.556	ug/l	98
40) Benzene	6.031	78	216781	54.923	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	56589	65.853	ug/l	98
42) 1,2-Dichloroethane	6.080	62	95829	58.783	ug/l	100
43) Isopropyl Acetate	6.342	43	155379	62.946	ug/l	99
44) Trichloroethene	7.123	130	50582	53.917	ug/l	97
45) 1,2-Dichloropropane	7.428	63	56384	57.253	ug/l	95
46) Dibromomethane	7.580	93	43446	57.469	ug/l	97
47) Bromodichloromethane	7.818	83	87204	57.761	ug/l	100
48) Methyl methacrylate	7.690	41	81456	63.912	ug/l	98
49) 1,4-Dioxane	7.659	88	28966	1256.168	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	529687	323.696	ug/l	99
52) Toluene	8.714	92	133297	55.811	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	75879	52.160	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	84291	59.412	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	55180	57.979	ug/l	97
56) Ethyl methacrylate	9.116	69	95843	65.071	ug/l	98
57) 1,3-Dichloropropane	9.305	76	96918	58.480	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	218383	293.092	ug/l	100
59) 2-Hexanone	9.427	43	400574	330.568	ug/l	100
60) Dibromochloromethane	9.519	129	61968	59.725	ug/l	99
61) 1,2-Dibromoethane	9.610	107	57802	59.996	ug/l	98
64) Tetrachloroethene	9.269	164	43371	52.609	ug/l	97
65) Chlorobenzene	10.079	112	145479	58.306	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	51579	59.543	ug/l	97
67) Ethyl Benzene	10.189	91	262190	58.672	ug/l	99
68) m/p-Xylenes	10.299	106	190440	117.171	ug/l	100
69) o-Xylene	10.640	106	95585	59.699	ug/l	98
70) Styrene	10.653	104	160254	60.643	ug/l	99
71) Bromoform	10.799	173	40029	61.887	ug/l #	98
73) Isopropylbenzene	10.963	105	254591	56.715	ug/l	99
74) N-amyl acetate	10.842	43	138569	64.532	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	91119	57.783	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	78659m	57.542	ug/l	
77) Bromobenzene	11.195	156	59491	57.358	ug/l	98
78) n-propylbenzene	11.305	91	292968	56.661	ug/l	99
79) 2-Chlorotoluene	11.360	91	184373	55.778	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	212512	57.250	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22463	55.770	ug/l	98
82) 4-Chlorotoluene	11.451	91	209765	56.917	ug/l	100
83) tert-Butylbenzene	11.713	119	216172	58.823	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	218418	58.626	ug/l	100
85) sec-Butylbenzene	11.890	105	262120	58.072	ug/l	100
86) p-Isopropyltoluene	12.006	119	216961	58.303	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	104190	55.186	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	105666	55.206	ug/l	99
89) n-Butylbenzene	12.329	91	189037	58.581	ug/l	99
90) Hexachloroethane	12.536	117	38329	59.933	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	108036	57.556	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21714	65.842	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	61056	58.436	ug/l	99
94) Hexachlorobutadiene	13.725	225	25006	55.540	ug/l	99
95) Naphthalene	13.774	128	240569	61.871	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	64443	58.902	ug/l	99

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

