

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046309.D
 Acq On : 21 May 2025 19:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 22 01:56:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/22/2025
 Supervised By : Mahesh Dadoda 05/22/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	80304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	142868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77473	51.748	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.500%			
35) Dibromofluoromethane	5.379	113	53992	52.481	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.960%			
50) Toluene-d8	8.647	98	183231	51.458	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.920%			
62) 4-Bromofluorobenzene	11.079	95	74777	54.746	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	62887	51.165	ug/l	99
3) Chloromethane	1.301	50	61721	51.783	ug/l	99
4) Vinyl Chloride	1.374	62	55519	50.048	ug/l	98
5) Bromomethane	1.593	94	26187	50.896	ug/l	98
6) Chloroethane	1.666	64	32246	54.451	ug/l	94
7) Trichlorofluoromethane	1.874	101	87323	53.263	ug/l	99
8) Diethyl Ether	2.136	74	28768	51.546	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	51854	51.109	ug/l	98
10) Methyl Iodide	2.447	142	61967	51.617	ug/l	100
11) Tert butyl alcohol	2.977	59	57358	272.937	ug/l	99
12) 1,1-Dichloroethene	2.313	96	48892	51.346	ug/l	99
13) Acrolein	2.233	56	72757	304.004	ug/l	100
14) Allyl chloride	2.660	41	100048	54.976	ug/l	97
15) Acrylonitrile	3.062	53	164409	273.599	ug/l	98
16) Acetone	2.386	43	157398	262.209	ug/l	100
17) Carbon Disulfide	2.502	76	110776	49.071	ug/l	99
18) Methyl Acetate	2.703	43	86630	62.191	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	183878	55.080	ug/l	100
20) Methylene Chloride	2.782	84	56742	49.327	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	48903	51.069	ug/l	98
22) Diisopropyl ether	3.764	45	196237	55.824	ug/l	91
23) Vinyl Acetate	3.721	43	856870	277.142	ug/l	100
24) 1,1-Dichloroethane	3.605	63	107309	54.807	ug/l	98
25) 2-Butanone	4.556	43	242742	278.542	ug/l	100
26) 2,2-Dichloropropane	4.471	77	72690	47.433	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	62007	53.789	ug/l	99
28) Bromochloromethane	4.891	49	47884	50.808	ug/l	100
29) Tetrahydrofuran	5.001	42	152597	279.438	ug/l	99
30) Chloroform	5.086	83	112040	54.901	ug/l	96
31) Cyclohexane	5.464	56	95105	53.304	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	95926	54.225	ug/l	100
36) 1,1-Dichloropropene	5.684	75	71831	51.965	ug/l	99
37) Ethyl Acetate	4.715	43	91900	53.811	ug/l	99
38) Carbon Tetrachloride	5.672	117	81617	52.550	ug/l	98
39) Methylcyclohexane	7.373	83	90909	51.084	ug/l	96
40) Benzene	6.031	78	214309	52.931	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	51551	57.703	ug/l	98
42) 1,2-Dichloroethane	6.080	62	93208	53.339	ug/l	100
43) Isopropyl Acetate	6.342	43	146696	56.305	ug/l	99
44) Trichloroethene	7.123	130	51584	52.934	ug/l	96
45) 1,2-Dichloropropane	7.428	63	55898	55.522	ug/l	98
46) Dibromomethane	7.580	93	41844	52.697	ug/l	100
47) Bromodichloromethane	7.818	83	86915	55.574	ug/l	100
48) Methyl methacrylate	7.690	41	76728	57.664	ug/l	98
49) 1,4-Dioxane	7.659	88	26511	1049.342	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	491581	284.246	ug/l	99
52) Toluene	8.714	92	131628	53.018	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	77152	55.500	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	84964	55.300	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	53717	54.873	ug/l	98
56) Ethyl methacrylate	9.116	69	93196	59.733	ug/l	98
57) 1,3-Dichloropropane	9.305	76	94746	53.891	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	209966	263.968	ug/l	100
59) 2-Hexanone	9.427	43	364412	284.811	ug/l	100
60) Dibromochloromethane	9.519	129	61323	57.039	ug/l	98
61) 1,2-Dibromoethane	9.604	107	55381	54.430	ug/l	97
64) Tetrachloroethene	9.269	164	46379	51.541	ug/l	96
65) Chlorobenzene	10.073	112	144470	51.899	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	50742	53.383	ug/l	99
67) Ethyl Benzene	10.189	91	266848	54.383	ug/l	99
68) m/p-Xylenes	10.299	106	195095	108.710	ug/l	99
69) o-Xylene	10.640	106	95728	54.714	ug/l	96
70) Styrene	10.653	104	163839	57.165	ug/l	99
71) Bromoform	10.799	173	39132	54.834	ug/l #	99
73) Isopropylbenzene	10.957	105	259562	54.740	ug/l	99
74) N-amyl acetate	10.842	43	128177	54.704	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	84522	50.866	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	75988m	51.832	ug/l	
77) Bromobenzene	11.195	156	57485	52.219	ug/l	98
78) n-propylbenzene	11.299	91	302304	54.831	ug/l	100
79) 2-Chlorotoluene	11.360	91	189286	53.228	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	218239	55.092	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22564	50.109	ug/l	98
82) 4-Chlorotoluene	11.451	91	216234	54.831	ug/l	99
83) tert-Butylbenzene	11.713	119	215479	54.002	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	220248	54.903	ug/l	99
85) sec-Butylbenzene	11.890	105	269271	54.961	ug/l	100
86) p-Isopropyltoluene	12.006	119	220520	54.530	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	106200	52.860	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	107019	52.158	ug/l	99
89) n-Butylbenzene	12.329	91	194699	54.886	ug/l	100
90) Hexachloroethane	12.536	117	38406	53.906	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	106918	53.032	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19697	53.508	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	60736	52.451	ug/l	99
94) Hexachlorobutadiene	13.725	225	25728	50.873	ug/l	97
95) Naphthalene	13.774	128	227452	53.556	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	62257	52.106	ug/l	99

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

