

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046226.D
 Acq On : 15 May 2025 20:01
 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 :Semsettin Yesilyurt 05/16/2025
 Supervised By :Mahesh Dadoda 05/16/2025

Quant Time: May 16 01:11:30 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	87132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	153172	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80462	49.533	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.060%		
35) Dibromofluoromethane	5.379	113	56488	51.213	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.420%		
50) Toluene-d8	8.647	98	190215	49.825	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.660%		
62) 4-Bromofluorobenzene	11.079	95	73881	50.452	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	68689	51.506	ug/l	99
3) Chloromethane	1.307	50	65396	50.566	ug/l	100
4) Vinyl Chloride	1.374	62	59956	49.812	ug/l	99
5) Bromomethane	1.593	94	26454	47.386	ug/l	97
6) Chloroethane	1.666	64	33137	51.571	ug/l	94
7) Trichlorofluoromethane	1.874	101	90755	51.019	ug/l	99
8) Diethyl Ether	2.136	74	30135	49.764	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	55036	49.994	ug/l	99
10) Methyl Iodide	2.447	142	64191	49.279	ug/l	99
11) Tert butyl alcohol	2.983	59	60709	266.245	ug/l	99
12) 1,1-Dichloroethene	2.306	96	50790	49.159	ug/l	94
13) Acrolein	2.239	56	79460	305.994	ug/l	99
14) Allyl chloride	2.660	41	102961	52.143	ug/l	97
15) Acrylonitrile	3.069	53	178286	273.442	ug/l	99
16) Acetone	2.386	43	170078	261.130	ug/l	100
17) Carbon Disulfide	2.502	76	113076	46.164	ug/l	99
18) Methyl Acetate	2.703	43	90676	59.995	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	191729	52.931	ug/l	99
20) Methylene Chloride	2.782	84	60172	48.210	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	51589	49.652	ug/l	98
22) Diisopropyl ether	3.764	45	205399	53.851	ug/l	92
23) Vinyl Acetate	3.721	43	905459	269.908	ug/l	100
24) 1,1-Dichloroethane	3.605	63	109909	51.736	ug/l	100
25) 2-Butanone	4.556	43	258178	273.039	ug/l	100
26) 2,2-Dichloropropane	4.465	77	73212	44.030	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	63102	50.450	ug/l	100
28) Bromochloromethane	4.891	49	53376	52.197	ug/l	99
29) Tetrahydrofuran	5.007	42	161875	273.198	ug/l	99
30) Chloroform	5.086	83	113805	51.396	ug/l	95
31) Cyclohexane	5.464	56	96406	49.799	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	100089	52.144	ug/l	98
36) 1,1-Dichloropropene	5.684	75	73342	49.489	ug/l	99
37) Ethyl Acetate	4.708	43	94986	51.877	ug/l	99
38) Carbon Tetrachloride	5.672	117	84481	50.735	ug/l	99
39) Methylcyclohexane	7.373	83	91917	48.176	ug/l	97
40) Benzene	6.031	78	222602	51.280	ug/l	98

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41) Methacrylonitrile	4.916	41	54623	57.029	ug/l	99
42) 1,2-Dichloroethane	6.086	62	95618	51.037	ug/l	100
43) Isopropyl Acetate	6.336	43	151413	54.206	ug/l	99
44) Trichloroethene	7.123	130	51997	49.769	ug/l	99
45) 1,2-Dichloropropane	7.428	63	58027	53.759	ug/l	97
46) Dibromomethane	7.574	93	43359	50.931	ug/l	99
47) Bromodichloromethane	7.818	83	88719	52.911	ug/l	97
48) Methyl methacrylate	7.690	41	80579	56.485	ug/l	98
49) 1,4-Dioxane	7.659	88	29460	1087.625	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	517553	279.132	ug/l	99
52) Toluene	8.714	92	137133	51.520	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	78297	52.535	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	86203	52.332	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	56239	53.584	ug/l	98
56) Ethyl methacrylate	9.116	69	94798	56.672	ug/l	99
57) 1,3-Dichloropropane	9.305	76	96673	51.288	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	238687	279.889	ug/l	100
59) 2-Hexanone	9.427	43	381749	278.290	ug/l	99
60) Dibromochloromethane	9.519	129	62486	54.211	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57860	53.041	ug/l	96
64) Tetrachloroethene	9.269	164	44046	45.780	ug/l	96
65) Chlorobenzene	10.073	112	149740	50.311	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	52436	51.595	ug/l	99
67) Ethyl Benzene	10.189	91	271996	51.845	ug/l	99
68) m/p-Xylenes	10.299	106	199216	103.822	ug/l	98
69) o-Xylene	10.640	106	98098	52.440	ug/l	97
70) Styrene	10.653	104	166504	54.336	ug/l	100
71) Bromoform	10.799	173	39424	51.668	ug/l #	97
73) Isopropylbenzene	10.957	105	262316	51.524	ug/l	99
74) N-amyl acetate	10.842	43	133496	53.064	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	88427	49.564	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	76589m	48.657	ug/l	
77) Bromobenzene	11.195	156	59157	50.050	ug/l	99
78) n-propylbenzene	11.299	91	308726	52.153	ug/l	100
79) 2-Chlorotoluene	11.360	91	190066	49.779	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	224463	52.774	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23227	48.041	ug/l	98
82) 4-Chlorotoluene	11.451	91	217944	51.472	ug/l	100
83) tert-Butylbenzene	11.713	119	221462	51.692	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	225045	52.248	ug/l	99
85) sec-Butylbenzene	11.890	105	271707	51.652	ug/l	99
86) p-Isopropyltoluene	12.006	119	225717	51.984	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	107982	50.058	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	104457	47.416	ug/l	97
89) n-Butylbenzene	12.329	91	193388	50.775	ug/l	99
90) Hexachloroethane	12.536	117	39067	51.070	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	106729	49.305	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20462	51.771	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	59353	47.738	ug/l	99
94) Hexachlorobutadiene	13.719	225	26319	48.470	ug/l	99
95) Naphthalene	13.774	128	229594	50.350	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	63523	49.516	ug/l	99

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

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