

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044601.D
 Acq On : 07 Jan 2025 12:00
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 08 02:31:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 02:18:40 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/08/2025
 Supervised By : Mahesh Dadoda 01/08/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	193833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	322230	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	134118	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	363804	116.405	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 232.820%#	
35) Dibromofluoromethane	5.379	113	318562	144.173	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 288.340%#	
50) Toluene-d8	8.647	98	1071800	142.008	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 284.020%#	
62) 4-Bromofluorobenzene	11.079	95	386929	145.246	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 290.500%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	396696	141.444	ug/l	99
3) Chloromethane	1.295	50	361151	129.221	ug/l	100
4) Vinyl Chloride	1.374	62	362740	138.352	ug/l	98
5) Bromomethane	1.599	94	156875	115.510	ug/l	99
7) Trichlorofluoromethane	1.868	101	497464	127.427	ug/l	97
8) Diethyl Ether	2.130	74	172572	125.105	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	322006	143.860	ug/l	94
10) Methyl Iodide	2.447	142	458572	146.920	ug/l	91
11) Tert butyl alcohol	3.020	59	243259	632.101	ug/l	99
12) 1,1-Dichloroethene	2.313	96	321732	148.372	ug/l #	80
13) Acrolein	2.233	56	348160	684.238	ug/l	98
14) Allyl chloride	2.654	41	481127	133.411	ug/l #	87
15) Acrylonitrile	3.069	53	729569	658.245	ug/l	98
16) Acetone	2.386	43	557867	566.340	ug/l #	89
17) Carbon Disulfide	2.502	76	785944	175.284	ug/l	99
18) Methyl Acetate	2.703	43	358794	123.407	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	1003928	135.096	ug/l	99
20) Methylene Chloride	2.782	84	347783	138.392	ug/l	89
21) trans-1,2-Dichloroethene	3.081	96	326842	146.862	ug/l	87
22) Diisopropyl ether	3.758	45	902333	121.714	ug/l	95
23) Vinyl Acetate	3.721	43	3843854	641.181	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	569743	131.892	ug/l	99
25) 2-Butanone	4.562	43	880207	619.080	ug/l	91
26) 2,2-Dichloropropane	4.465	77	497336	133.162	ug/l	95
27) cis-1,2-Dichloroethene	4.477	96	394578	145.402	ug/l	89
28) Bromochloromethane	4.891	49	246126	122.401	ug/l #	74
29) Tetrahydrofuran	5.001	42	580089	595.793	ug/l	91
30) Chloroform	5.087	83	598049	128.421	ug/l	99
31) Cyclohexane	5.458	56	475840	134.163	ug/l	85
32) 1,1,1-Trichloroethane	5.373	97	545752	139.254	ug/l	95
36) 1,1-Dichloropropene	5.684	75	406061	142.120	ug/l	96
37) Ethyl Acetate	4.715	43	363828	124.576	ug/l #	94
38) Carbon Tetrachloride	5.666	117	471467	148.724	ug/l	100
39) Methylcyclohexane	7.373	83	552098	151.439	ug/l	91
40) Benzene	6.032	78	1280226	142.310	ug/l	99
41) Methacrylonitrile	4.922	41	196413	125.194	ug/l	90

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42) 1,2-Dichloroethane	6.080	62	422697	120.148	ug/l	93
43) Isopropyl Acetate	6.336	43	611339	126.783	ug/l #	92
44) Trichloroethene	7.123	130	349611	152.030	ug/l	94
45) 1,2-Dichloropropane	7.428	63	299322	136.469	ug/l	97
46) Dibromomethane	7.574	93	235994	138.350	ug/l	93
47) Bromodichloromethane	7.818	83	443978	143.029	ug/l	99
48) Methyl methacrylate	7.690	41	296575	128.954	ug/l	88
49) 1,4-Dioxane	7.665	88	104987	3106.467	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	1711444	607.176	ug/l	92
52) Toluene	8.714	92	784020	144.441	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	457387	154.153	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	504071	151.162	ug/l #	87
55) 1,1,2-Trichloroethane	9.147	97	297735	139.918	ug/l	96
56) Ethyl methacrylate	9.116	69	468501	151.390	ug/l #	84
57) 1,3-Dichloropropane	9.305	76	489228	136.912	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	1096941	715.006	ug/l	91
59) 2-Hexanone	9.433	43	1253079	628.603	ug/l	88
60) Dibromochloromethane	9.519	129	349531	164.735	ug/l	100
61) 1,2-Dibromoethane	9.604	107	316369	147.210	ug/l	99
64) Tetrachloroethene	9.269	164	281910	146.458	ug/l	98
65) Chlorobenzene	10.073	112	869620	150.505	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	304267	158.550	ug/l	99
67) Ethyl Benzene	10.189	91	1456186	146.761	ug/l	96
68) m/p-Xylenes	10.299	106	1116860	306.320	ug/l	92
69) o-Xylene	10.640	106	557711	151.545	ug/l	89
70) Styrene	10.653	104	935547	158.937	ug/l	95
71) Bromoform	10.799	173	239442	149.977	ug/l #	98
73) Isopropylbenzene	10.957	105	1414616	142.367	ug/l	98
74) N-amyl acetate	10.842	43	538859	133.652	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.214	83	423014	132.076	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	349569m	130.022	ug/l	
77) Bromobenzene	11.195	156	361039	149.574	ug/l	89
78) n-propylbenzene	11.305	91	1596196	142.620	ug/l	96
79) 2-Chlorotoluene	11.360	91	961904	132.631	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	1163357	141.208	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	143479	162.448	ug/l #	82
82) 4-Chlorotoluene	11.451	91	1104003	135.314	ug/l	94
83) tert-Butylbenzene	11.713	119	1224555	149.273	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	1205026	145.607	ug/l	97
85) sec-Butylbenzene	11.890	105	1483948	148.531	ug/l	99
86) p-Isopropyltoluene	12.006	119	1277498	152.392	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	664944	152.281	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	662357	145.590	ug/l	98
89) n-Butylbenzene	12.329	91	1090816	154.101	ug/l	96
90) Hexachloroethane	12.536	117	224919	167.017	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	656010	148.671	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	91050	149.956	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	451648	174.156	ug/l	99
94) Hexachlorobutadiene	13.725	225	176486	163.433	ug/l	99
95) Naphthalene	13.774	128	1490078	178.076	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	452293	170.608	ug/l	98

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

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