

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011123\
 Data File : VU052653.D
 Acq On : 11 Jan 2023 16:12
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023

Quant Time: Jan 12 03:20:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 12 03:18:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	257081	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.246	114	443757	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	417151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	223414	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	573388	145.404	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 290.800%#			
35) Dibromofluoromethane	5.285	113	436467	141.649	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 283.300%#			
50) Toluene-d8	7.896	98	1723883	154.222	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 308.440%#			
62) 4-Bromofluorobenzene	10.629	95	664049	156.543	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 313.080%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	468064	118.448	ug/l	100
3) Chloromethane	1.520	50	615313	112.265	ug/l	98
4) Vinyl Chloride	1.604	62	574095	140.187	ug/l	100
5) Bromomethane	1.858	94	332260	221.124	ug/l	99
6) Chloroethane	1.932	64	334203	164.059	ug/l	99
7) Trichlorofluoromethane	2.134	101	698614	133.445	ug/l	98
8) Diethyl Ether	2.375	74	297932	153.052	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.578	101	421524	147.062	ug/l	93
10) Methyl Iodide	2.722	142	505521	186.609	ug/l	95
11) Tert butyl alcohol	3.288	59	505806m	557.466	ug/l	
12) 1,1-Dichloroethene	2.578	96	421961	149.590	ug/l	87
13) Acrolein	2.485	56	667679	977.212	ug/l	99
14) Allyl chloride	2.922	41	872523	153.475	ug/l	87
15) Acrylonitrile	3.314	53	1581646	714.748	ug/l	99
16) Acetone	2.636	43	1339721	656.528	ug/l	99
17) Carbon Disulfide	2.793	76	1335269	150.615	ug/l	100
18) Methyl Acetate	2.948	43	880352	158.867	ug/l	91
19) Methyl tert-butyl Ether	3.359	73	1563059	150.256	ug/l	96
20) Methylene Chloride	3.044	84	512005	137.442	ug/l #	87
21) trans-1,2-Dichloroethene	3.349	96	470656	154.492	ug/l	91
22) Diisopropyl ether	3.986	45	1679327	154.256	ug/l #	75
23) Vinyl Acetate	3.951	43	6893669	736.410	ug/l	95
24) 1,1-Dichloroethane	3.864	63	939654	150.353	ug/l	98
25) 2-Butanone	4.703	43	2100146	700.067	ug/l	93
26) 2,2-Dichloropropane	4.661	77	749388	145.830	ug/l	98
27) cis-1,2-Dichloroethene	4.661	96	538644	153.764	ug/l	89
28) Bromochloromethane	4.970	49	435969	158.512	ug/l #	72
29) Tetrahydrofuran	5.050	42	1309648	649.584	ug/l	88
30) Chloroform	5.086	83	882339	143.377	ug/l	99
31) Cyclohexane	5.385	56	884418	146.771	ug/l	89
32) 1,1,1-Trichloroethane	5.314	97	746753	141.935	ug/l	98
36) 1,1-Dichloropropene	5.523	75	700984	153.473	ug/l	96
37) Ethyl Acetate	4.800	43	806501	135.196	ug/l	96
38) Carbon Tetrachloride	5.523	117	645617	138.237	ug/l	99
39) Methylcyclohexane	6.761	83	872975	160.743	ug/l	92
40) Benzene	5.771	78	2050486	149.501	ug/l	100

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41) Methacrylonitrile	4.970	41	435181	141.540	ug/l	87
42) 1,2-Dichloroethane	5.790	62	712473	140.853	ug/l	100
43) Isopropyl Acetate	5.906	43	1255835	141.160	ug/l	97
44) Trichloroethene	6.539	130	483177	148.446	ug/l	88
45) 1,2-Dichloropropane	6.787	63	564162	148.318	ug/l	100
46) Dibromomethane	6.915	93	353856	141.916	ug/l	88
47) Bromodichloromethane	7.102	83	718262	148.049	ug/l	99
48) Methyl methacrylate	6.957	41	604361	145.542	ug/l	88
49) 1,4-Dioxane	7.021	88	150329	1445.495	ug/l #	1
51) 4-Methyl-2-Pentanone	7.793	43	4060440	684.150	ug/l	97
52) Toluene	7.967	92	1263021	154.124	ug/l	98
53) t-1,3-Dichloropropene	8.208	75	856934	164.277	ug/l	100
54) cis-1,3-Dichloropropene	7.603	75	916631	163.944	ug/l	98
55) 1,1,2-Trichloroethane	8.398	97	488252	146.148	ug/l	98
56) Ethyl methacrylate	8.330	69	877132	158.748	ug/l	92
57) 1,3-Dichloropropane	8.571	76	913049	152.635	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	218287	686.438	ug/l	94
59) 2-Hexanone	8.687	43	3128556	668.991	ug/l	97
60) Dibromochloromethane	8.806	129	531527	153.639	ug/l	100
61) 1,2-Dibromoethane	8.922	107	523966	144.248	ug/l	99
64) Tetrachloroethene	8.552	164	393935	145.890	ug/l	95
65) Chlorobenzene	9.442	112	1302853	151.282	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.529	131	471889	146.955	ug/l	98
67) Ethyl Benzene	9.568	91	2441592	154.826	ug/l	97
68) m/p-Xylenes	9.690	106	1865842	317.077	ug/l	94
69) o-Xylene	10.098	106	903850	156.345	ug/l	93
70) Styrene	10.111	104	1548238	165.770	ug/l	97
71) Bromoform	10.288	173	408063	149.951	ug/l	100
73) Isopropylbenzene	10.481	105	2376479	149.900	ug/l	97
74) N-amyl acetate	10.317	43	1171826	143.450	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.780	83	872935	131.857	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	1007224	135.544	ug/l	97
77) Bromobenzene	10.780	156	543941	141.032	ug/l	79
78) n-propylbenzene	10.902	91	2961415	152.916	ug/l	96
79) 2-Chlorotoluene	10.983	91	1708443	144.139	ug/l	92
80) 1,3,5-Trimethylbenzene	11.086	105	2066129	149.803	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.542	75	301403	150.630	ug/l	97
82) 4-Chlorotoluene	11.092	91	2008986	149.712	ug/l	93
83) tert-Butylbenzene	11.417	119	2039088	150.700	ug/l	96
84) 1,2,4-Trimethylbenzene	11.465	105	2069823	152.842	ug/l	98
85) sec-Butylbenzene	11.642	105	2645320	154.760	ug/l	97
86) p-Isopropyltoluene	11.790	119	2231506	160.403	ug/l	98
87) 1,3-Dichlorobenzene	11.741	146	1094082	147.300	ug/l	97
88) 1,4-Dichlorobenzene	11.831	146	1101223	146.360	ug/l	97
89) n-Butylbenzene	12.204	91	2133012	164.692	ug/l	97
90) Hexachloroethane	12.471	117	398803	146.165	ug/l	82
91) 1,2-Dichlorobenzene	12.208	146	1078641	144.651	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.992	75	201153	120.655	ug/l	79
93) 1,2,4-Trichlorobenzene	13.835	180	731832	141.721	ug/l	98
94) Hexachlorobutadiene	14.018	225	340142	148.060	ug/l	99
95) Naphthalene	14.082	128	2258003	115.361	ug/l	100
96) 1,2,3-Trichlorobenzene	14.327	180	712363	132.795	ug/l	97

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

