

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049477.D
 Acq On : 28 Jun 2022 23:02
 Operator : SY/MD
 Sample : VU0628WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628WBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jun 29 05:23:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	280216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	484115	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	433428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	203458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	194574	45.087	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.180%		
35) Dibromofluoromethane	5.289	113	159474	47.084	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.160%		
50) Toluene-d8	7.896	98	581177	48.109	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.220%		
62) 4-Bromofluorobenzene	10.632	95	213948	46.233	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	77177	17.140	ug/l	99
3) Chloromethane	1.520	50	85817	15.027	ug/l	100
4) Vinyl Chloride	1.604	62	81204	17.912	ug/l	99
5) Bromomethane	1.851	94	34400	24.403	ug/l	99
6) Chloroethane	1.925	64	43575	21.953	ug/l	100
7) Trichlorofluoromethane	2.134	101	98179	16.993	ug/l	94
8) Diethyl Ether	2.376	74	41199	19.741	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.578	101	58754	18.901	ug/l	96
10) Methyl Iodide	2.720	142	79296	29.570	ug/l	96
11) Tert butyl alcohol	3.202	59	116845m	115.678	ug/l	
12) 1,1-Dichloroethene	2.578	96	59267	19.473	ug/l	91
13) Acrolein	2.485	56	42533	62.179	ug/l	98
14) Allyl chloride	2.922	41	114162	18.560	ug/l #	87
15) Acrylonitrile	3.314	53	241560	99.435	ug/l	99
16) Acetone	2.633	43	195911	90.021	ug/l	99
17) Carbon Disulfide	2.790	76	167891	17.689	ug/l	99
18) Methyl Acetate	2.951	43	108892	18.484	ug/l	93
19) Methyl tert-butyl Ether	3.363	73	224559	19.838	ug/l	99
20) Methylene Chloride	3.044	84	80100	21.690	ug/l	92
21) trans-1,2-Dichloroethene	3.353	96	63892	19.474	ug/l	94
22) Diisopropyl ether	3.990	45	229666	19.556	ug/l	88
23) Vinyl Acetate	3.954	43	989879	96.166	ug/l	95
24) 1,1-Dichloroethane	3.867	63	127971	18.970	ug/l	98
25) 2-Butanone	4.703	43	321996	98.727	ug/l	96
26) 2,2-Dichloropropane	4.665	77	78885	14.050	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	75286	19.861	ug/l	93
28) Bromochloromethane	4.973	49	55774	18.915	ug/l	82
29) Tetrahydrofuran	5.054	42	215615	96.368	ug/l	89
30) Chloroform	5.086	83	126517	18.960	ug/l	98
31) Cyclohexane	5.388	56	121990	18.826	ug/l	90
32) 1,1,1-Trichloroethane	5.318	97	107542	18.574	ug/l	98
36) 1,1-Dichloropropene	5.527	75	90350	18.397	ug/l	97
37) Ethyl Acetate	4.803	43	122356	18.233	ug/l	95
38) Carbon Tetrachloride	5.523	117	91036	17.675	ug/l	98
39) Methylcyclohexane	6.761	83	106782	18.140	ug/l	92
40) Benzene	5.774	78	282097	19.026	ug/l	98

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41) Methacrylonitrile	4.973	41	63257	18.812	ug/l #	91
42) 1,2-Dichloroethane	5.793	62	98918	17.925	ug/l	100
43) Isopropyl Acetate	5.912	43	181897	18.498	ug/l	97
44) Trichloroethene	6.543	130	66814	18.956	ug/l	87
45) 1,2-Dichloropropane	6.790	63	76394	18.594	ug/l	99
46) Dibromomethane	6.919	93	50245	18.343	ug/l	93
47) Bromodichloromethane	7.105	83	95178	18.053	ug/l	99
48) Methyl methacrylate	6.961	41	86173	18.700	ug/l	89
49) 1,4-Dioxane	6.989	88	49306	417.630	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	610751	92.806	ug/l	96
52) Toluene	7.970	92	169665	19.252	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	100360	17.746	ug/l	97
54) cis-1,3-Dichloropropene	7.607	75	111249	18.424	ug/l	98
55) 1,1,2-Trichloroethane	8.398	97	70353	19.308	ug/l	97
56) Ethyl methacrylate	8.333	69	120155	19.716	ug/l	93
57) 1,3-Dichloropropane	8.575	76	121549	18.805	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	60692	133.819	ug/l	96
59) 2-Hexanone	8.684	43	471907	91.187	ug/l	95
60) Dibromochloromethane	8.809	129	70922	18.718	ug/l	100
61) 1,2-Dibromoethane	8.922	107	75151	18.926	ug/l	98
64) Tetrachloroethene	8.552	164	53602	19.281	ug/l	92
65) Chlorobenzene	9.446	112	171710	19.378	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.533	131	64128	19.185	ug/l	99
67) Ethyl Benzene	9.571	91	315342	19.385	ug/l	98
68) m/p-Xylenes	9.694	106	239268	39.753	ug/l	92
69) o-Xylene	10.099	106	119773	20.045	ug/l	90
70) Styrene	10.115	104	191061	19.900	ug/l	96
71) Bromoform	10.292	173	53311	18.595	ug/l #	98
73) Isopropylbenzene	10.485	105	308147	21.261	ug/l	96
74) N-amyl acetate	10.321	43	153123	19.962	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.784	83	123086	20.048	ug/l	98
76) 1,2,3-Trichloropropane	10.822	75	131700	19.095	ug/l	100
77) Bromobenzene	10.780	156	73678	20.826	ug/l	88
78) n-propylbenzene	10.906	91	354027	20.102	ug/l	97
79) 2-Chlorotoluene	10.986	91	217015	20.001	ug/l	93
80) 1,3,5-Trimethylbenzene	11.086	105	259568	20.514	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.546	75	31048	16.624	ug/l	92
82) 4-Chlorotoluene	11.095	91	240766	19.730	ug/l	94
83) tert-Butylbenzene	11.420	119	255387	20.521	ug/l	93
84) 1,2,4-Trimethylbenzene	11.468	105	257359	20.704	ug/l	94
85) sec-Butylbenzene	11.642	105	315027	20.133	ug/l	96
86) p-Isopropyltoluene	11.793	119	253410	20.026	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	132271	19.556	ug/l	97
88) 1,4-Dichlorobenzene	11.835	146	130208	19.154	ug/l	96
89) n-Butylbenzene	12.208	91	211803	18.082	ug/l	98
90) Hexachloroethane	12.475	117	44134	17.511	ug/l	87
91) 1,2-Dichlorobenzene	12.211	146	133204	19.601	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	29359	18.649	ug/l	84
93) 1,2,4-Trichlorobenzene	13.838	180	81966	19.096	ug/l	98
94) Hexachlorobutadiene	14.021	225	35473	16.827	ug/l	100
95) Naphthalene	14.086	128	315952	20.883	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	85243	18.930	ug/l	97

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

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