

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060821\
 Data File : VU044114.D
 Acq On : 08 Jun 2021 15:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/9/2021 9:33:16 AM

Quant Time: Jun 08 23:13:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 08 17:38:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	226501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	387696	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	395070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	232292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	170964	43.340	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.680%	
35) Dibromofluoromethane	5.298	113	133109	48.112	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.220%	
50) Toluene-d8	7.906	98	517312	48.475	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.960%	
62) 4-Bromofluorobenzene	10.639	95	222174	52.584	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.160%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	155684	46.131	ug/l	98
3) Chloromethane	1.523	50	186142	44.421	ug/l	99
4) Vinyl Chloride	1.610	62	180098	42.943	ug/l	100
5) Bromomethane	1.835	94	58299	33.531	ug/l	98
6) Chloroethane	1.912	64	111762	43.579	ug/l	97
7) Trichlorofluoromethane	2.128	101	218608	45.353	ug/l	96
8) Diethyl Ether	2.382	74	89679	43.233	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.581	101	132238	45.371	ug/l	98
10) Methyl Iodide	2.726	142	161398	47.504	ug/l	100
11) Tert butyl alcohol	3.228	59	231683	236.905	ug/l	98
12) 1,1-Dichloroethene	2.581	96	129497	46.452	ug/l	96
13) Acrolein	2.491	56	133366	173.456	ug/l	100
14) Allyl chloride	2.925	41	242007	42.487	ug/l	98
15) Acrylonitrile	3.321	53	479241	220.698	ug/l	100
16) Acetone	2.636	43	542209	238.157	ug/l	98
17) Carbon Disulfide	2.793	76	411341	44.302	ug/l	100
18) Methyl Acetate	2.954	43	219277	43.676	ug/l	96
19) Methyl tert-butyl Ether	3.372	73	414328	48.558	ug/l	99
20) Methylene Chloride	3.051	84	163358	47.768	ug/l	94
21) trans-1,2-Dichloroethene	3.356	96	147379	47.133	ug/l	95
22) Diisopropyl ether	4.002	45	442974	45.730	ug/l	99
23) Vinyl Acetate	3.964	43	2114831	231.483	ug/l	98
24) 1,1-Dichloroethane	3.877	63	279784	44.135	ug/l	99
25) 2-Butanone	4.713	43	758146	233.396	ug/l	97
26) 2,2-Dichloropropane	4.671	77	218433	48.047	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	162829	47.090	ug/l	97
28) Bromochloromethane	4.983	49	140476	43.507	ug/l	92
29) Tetrahydrofuran	5.060	42	394202	218.617	ug/l	96
30) Chloroform	5.096	83	272106	44.626	ug/l	98
31) Cyclohexane	5.395	56	234623	43.091	ug/l	98
32) 1,1,1-Trichloroethane	5.324	97	228520	46.634	ug/l	97
36) 1,1-Dichloropropene	5.533	75	210319	48.152	ug/l	99
37) Ethyl Acetate	4.809	43	253326	46.040	ug/l	99
38) Carbon Tetrachloride	5.533	117	188939	47.875	ug/l	98
39) Methylcyclohexane	6.771	83	226450	50.185	ug/l	96
40) Benzene	5.780	78	634517	48.196	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	137358	47.484	ug/l	98
42) 1,2-Dichloroethane	5.803	62	218112	46.415	ug/l	99
43) Isopropyl Acetate	5.922	43	363710	46.745	ug/l	97
44) Trichloroethene	6.549	130	145169	49.904	ug/l	99
45) 1,2-Dichloropropane	6.800	63	166908	46.454	ug/l	96
46) Dibromomethane	6.925	93	107351	46.980	ug/l	97
47) Bromodichloromethane	7.115	83	214865	47.303	ug/l	98
48) Methyl methacrylate	6.970	41	183701	47.881	ug/l	96
49) 1,4-Dioxane	6.977	88	101304	1073.961	ug/l	95
51) 4-Methyl-2-Pentanone	7.803	43	1458367	252.389	ug/l	98
52) Toluene	7.977	92	387392	50.422	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	246239	50.909	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	263367	49.307	ug/l	97
55) 1,1,2-Trichloroethane	8.407	97	165270	50.722	ug/l	98
56) Ethyl methacrylate	8.343	69	269590	46.781	ug/l	97
57) 1,3-Dichloropropane	8.584	76	286562	48.719	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	423296	251.244	ug/l	98
59) 2-Hexanone	8.697	43	1185362	263.984	ug/l	97
60) Dibromochloromethane	8.819	129	163857	50.469	ug/l	99
61) 1,2-Dibromoethane	8.931	107	169807	50.905	ug/l	99
64) Tetrachloroethene	8.558	164	130726	51.539	ug/l	99
65) Chlorobenzene	9.456	112	408821	49.105	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	145625	49.541	ug/l	98
67) Ethyl Benzene	9.578	91	759410	50.213	ug/l	99
68) m/p-Xylenes	9.700	106	591814	105.590	ug/l	98
69) o-Xylene	10.108	106	279952	52.142	ug/l	99
70) Styrene	10.121	104	512892	55.828	ug/l	99
71) Bromoform	10.301	173	132523	51.669	ug/l #	99
73) Isopropylbenzene	10.491	105	774959	49.576	ug/l	100
74) N-amyl acetate	10.330	43	338450	47.292	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	323685	45.559	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	316501m	48.706	ug/l	
77) Bromobenzene	10.790	156	188373	50.007	ug/l	97
78) n-propylbenzene	10.912	91	1001989	49.680	ug/l	99
79) 2-Chlorotoluene	10.992	91	590062	48.796	ug/l	98
80) 1,3,5-Trimethylbenzene	11.095	105	713930	51.323	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	106259	47.748	ug/l	98
82) 4-Chlorotoluene	11.105	91	711143	50.247	ug/l	99
83) tert-Butylbenzene	11.430	119	650615	50.366	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	721314	48.110	ug/l	99
85) sec-Butylbenzene	11.652	105	871534	51.712	ug/l	100
86) p-Isopropyltoluene	11.800	119	760286	53.089	ug/l	99
87) 1,3-Dichlorobenzene	11.755	146	376104	50.099	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	380256	47.965	ug/l	99
89) n-Butylbenzene	12.217	91	737332	50.931	ug/l	99
90) Hexachloroethane	12.484	117	114517	46.637	ug/l	97
91) 1,2-Dichlorobenzene	12.221	146	367061	49.257	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	69588	44.687	ug/l	97
93) 1,2,4-Trichlorobenzene	13.848	180	230169	52.733	ug/l	99
94) Hexachlorobutadiene	14.028	225	125001	50.234	ug/l	99
95) Naphthalene	14.095	128	712956	45.292	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	224586	53.413	ug/l	100

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

