

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
 Data File : VU044216.D
 Acq On : 15 Jun 2021 05:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/15/2021 9:51:13 AM

Quant Time: Jun 15 05:45:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	167367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	296454	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	282207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	156746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	122190	45.909	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.820%	
35) Dibromofluoromethane	5.301	113	98839	47.928	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.860%	
50) Toluene-d8	7.906	98	375075	47.359	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.720%	
62) 4-Bromofluorobenzene	10.639	95	148141	46.675	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.340%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.391	85	103406	43.799	ug/l	100
3) Chloromethane	1.523	50	115078	42.644	ug/l	100
4) Vinyl Chloride	1.610	62	120663	42.837	ug/l	100
5) Bromomethane	1.864	94	66746	57.425	ug/l	99
6) Chloroethane	1.941	64	66656	42.012	ug/l	97
7) Trichlorofluoromethane	2.144	101	153594	45.331	ug/l	99
8) Diethyl Ether	2.385	74	62610	45.172	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.588	101	92333	44.734	ug/l	97
10) Methyl Iodide	2.732	142	124135	52.138	ug/l	98
11) Tert butyl alcohol	3.289	59	110289m	154.036	ug/l	
12) 1,1-Dichloroethene	2.588	96	94333	45.844	ug/l	97
13) Acrolein	2.501	56	63635	163.241	ug/l	99
14) Allyl chloride	2.932	41	155325	40.452	ug/l	98
15) Acrylonitrile	3.330	53	367239	248.053	ug/l	100
16) Acetone	2.655	43	319280	232.180	ug/l	97
17) Carbon Disulfide	2.803	76	288993	43.738	ug/l	100
18) Methyl Acetate	2.964	43	169335	49.459	ug/l	97
19) Methyl tert-butyl Ether	3.375	73	299616	47.683	ug/l	100
20) Methylene Chloride	3.057	84	118118	49.229	ug/l	94
21) trans-1,2-Dichloroethene	3.362	96	108009	47.519	ug/l	96
22) Diisopropyl ether	4.006	45	296068	44.788	ug/l #	85
23) Vinyl Acetate	3.967	43	1422097	226.699	ug/l	98
24) 1,1-Dichloroethane	3.880	63	194581	44.293	ug/l	99
25) 2-Butanone	4.726	43	506984	228.217	ug/l	97
26) 2,2-Dichloropropane	4.674	77	105732	30.476	ug/l	97
27) cis-1,2-Dichloroethene	4.678	96	117819	46.465	ug/l	93
28) Bromochloromethane	4.983	49	95892	45.757	ug/l	91
29) Tetrahydrofuran	5.070	42	301956	250.046	ug/l	96
30) Chloroform	5.099	83	198612	46.295	ug/l	100
31) Cyclohexane	5.398	56	159417	42.441	ug/l	96
32) 1,1,1-Trichloroethane	5.327	97	165926	46.517	ug/l	97
36) 1,1-Dichloropropene	5.536	75	146258	44.344	ug/l	98
37) Ethyl Acetate	4.816	43	190741	48.294	ug/l	100
38) Carbon Tetrachloride	5.536	117	140170	47.074	ug/l	99
39) Methylcyclohexane	6.771	83	154638	43.953	ug/l	97
40) Benzene	5.784	78	447554	45.793	ug/l	99

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41) Methacrylonitrile	4.986	41	96594	47.772	ug/l	96
42) 1,2-Dichloroethane	5.803	62	150270	43.570	ug/l	99
43) Isopropyl Acetate	5.922	43	254865	45.482	ug/l	97
44) Trichloroethene	6.549	130	106721	47.387	ug/l	95
45) 1,2-Dichloropropane	6.800	63	117164	44.135	ug/l	98
46) Dibromomethane	6.925	93	79219	46.294	ug/l	96
47) Bromodichloromethane	7.115	83	154749	45.961	ug/l	99
48) Methyl methacrylate	6.967	41	123610	45.329	ug/l	96
49) 1,4-Dioxane	7.028	88	67141	941.328	ug/l #	1
51) 4-Methyl-2-Pentanone	7.803	43	941267	232.075	ug/l	97
52) Toluene	7.976	92	277884	47.966	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	163950	44.502	ug/l	100
54) cis-1,3-Dichloropropene	7.613	75	178483	44.901	ug/l	97
55) 1,1,2-Trichloroethane	8.407	97	114952	47.245	ug/l	99
56) Ethyl methacrylate	8.340	69	183387	49.340	ug/l	95
57) 1,3-Dichloropropane	8.584	76	198588	46.002	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	318599	241.340	ug/l	97
59) 2-Hexanone	8.693	43	744059	229.874	ug/l	96
60) Dibromochloromethane	8.816	129	119542	49.404	ug/l	99
61) 1,2-Dibromoethane	8.931	107	123502	48.257	ug/l	100
64) Tetrachloroethene	8.558	164	89109	45.933	ug/l	97
65) Chlorobenzene	9.452	112	288544	47.816	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.539	131	103650	49.178	ug/l	99
67) Ethyl Benzene	9.578	91	528427	48.750	ug/l	99
68) m/p-Xylenes	9.700	106	408383	100.874	ug/l	98
69) o-Xylene	10.108	106	192745	50.212	ug/l	97
70) Styrene	10.121	104	338077	50.566	ug/l	99
71) Bromoform	10.298	173	90099	50.234	ug/l #	100
73) Isopropylbenzene	10.491	105	519635	49.506	ug/l	100
74) N-amyl acetate	10.327	43	217567	46.155	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.790	83	206593	45.214	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	235358	44.784	ug/l	100
77) Bromobenzene	10.787	156	125715	47.642	ug/l	93
78) n-propylbenzene	10.912	91	638838	46.766	ug/l	99
79) 2-Chlorotoluene	10.992	91	372938	46.080	ug/l	98
80) 1,3,5-Trimethylbenzene	11.095	105	459042	49.159	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.552	75	59677	41.163	ug/l	97
82) 4-Chlorotoluene	11.102	91	443770	46.429	ug/l	98
83) tert-Butylbenzene	11.426	119	434363	49.580	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	464068	49.464	ug/l	99
85) sec-Butylbenzene	11.648	105	551713	47.952	ug/l	99
86) p-Isopropyltoluene	11.799	119	485412	49.248	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	242254	46.770	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	247362	44.869	ug/l	99
89) n-Butylbenzene	12.214	91	443159	44.265	ug/l	99
90) Hexachloroethane	12.481	117	73596	47.182	ug/l	95
91) 1,2-Dichlorobenzene	12.217	146	240774	46.232	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	48302	46.735	ug/l	94
93) 1,2,4-Trichlorobenzene	13.848	180	156251	47.668	ug/l	99
94) Hexachlorobutadiene	14.028	225	83226	47.314	ug/l	99
95) Naphthalene	14.092	128	525527	47.829	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	155427	48.906	ug/l	99

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

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