

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
 Data File : VU044197.D
 Acq On : 14 Jun 2021 21:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/15/2021 9:50:37 AM

Quant Time: Jun 15 02:51:03 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	159693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	280856	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	269150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	146989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	121708	47.925	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.860%	
35) Dibromofluoromethane	5.298	113	96730	49.511	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.020%	
50) Toluene-d8	7.906	98	362022	48.249	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.500%	
62) 4-Bromofluorobenzene	10.639	95	142835	47.502	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.000%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.392	85	102869	45.665	ug/l	98
3) Chloromethane	1.523	50	117534	45.760	ug/l	100
4) Vinyl Chloride	1.610	62	119330	44.400	ug/l	99
5) Bromomethane	1.864	94	66353	59.830	ug/l	99
6) Chloroethane	1.938	64	63860	42.189	ug/l	99
7) Trichlorofluoromethane	2.144	101	151599	46.892	ug/l	98
8) Diethyl Ether	2.385	74	62861	47.533	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.588	101	92454	46.945	ug/l	97
10) Methyl Iodide	2.732	142	118178	52.021	ug/l	99
11) Tert butyl alcohol	3.266	59	134824m	197.352	ug/l	
12) 1,1-Dichloroethene	2.588	96	93109	47.423	ug/l	99
13) Acrolein	2.501	56	63030	169.574	ug/l	99
14) Allyl chloride	2.932	41	164763	44.972	ug/l	98
15) Acrylonitrile	3.330	53	375426	265.769	ug/l	99
16) Acetone	2.655	43	331828	253.094	ug/l	98
17) Carbon Disulfide	2.803	76	283009	44.891	ug/l	100
18) Methyl Acetate	2.964	43	174679	53.472	ug/l	99
19) Methyl tert-butyl Ether	3.375	73	300051	50.047	ug/l	100
20) Methylene Chloride	3.057	84	115733	50.586	ug/l	97
21) trans-1,2-Dichloroethene	3.362	96	105178	48.497	ug/l	100
22) Diisopropyl ether	4.006	45	302346	47.936	ug/l	88
23) Vinyl Acetate	3.970	43	1463864	244.571	ug/l	98
24) 1,1-Dichloroethane	3.880	63	196634	46.911	ug/l	99
25) 2-Butanone	4.723	43	533806	251.838	ug/l	97
26) 2,2-Dichloropropane	4.678	77	131211	39.638	ug/l	98
27) cis-1,2-Dichloroethene	4.678	96	116629	48.206	ug/l	96
28) Bromochloromethane	4.983	49	95500	47.760	ug/l	93
29) Tetrahydrofuran	5.070	42	317213	275.303	ug/l	97
30) Chloroform	5.099	83	196822	48.082	ug/l	98
31) Cyclohexane	5.398	56	160172	44.691	ug/l	99
32) 1,1,1-Trichloroethane	5.327	97	164234	48.255	ug/l	98
36) 1,1-Dichloropropene	5.536	75	146028	46.733	ug/l	99
37) Ethyl Acetate	4.816	43	197591	52.807	ug/l	99
38) Carbon Tetrachloride	5.536	117	139316	49.385	ug/l	99
39) Methylcyclohexane	6.771	83	151044	45.316	ug/l	98
40) Benzene	5.784	78	442004	47.737	ug/l	99

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41) Methacrylonitrile	4.986	41	98726	51.538	ug/l	97
42) 1,2-Dichloroethane	5.803	62	152304	46.612	ug/l	99
43) Isopropyl Acetate	5.922	43	263086	49.556	ug/l	98
44) Trichloroethene	6.549	130	104308	48.888	ug/l	99
45) 1,2-Dichloropropane	6.800	63	117643	46.777	ug/l	98
46) Dibromomethane	6.928	93	78863	48.646	ug/l	97
47) Bromodichloromethane	7.115	83	154618	48.472	ug/l	100
48) Methyl methacrylate	6.970	41	124466	48.178	ug/l	97
49) 1,4-Dioxane	7.031	88	75391	1115.697	ug/l #	83
51) 4-Methyl-2-Pentanone	7.800	43	980807	255.254	ug/l	98
52) Toluene	7.976	92	274372	49.990	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	167415	47.967	ug/l	99
54) cis-1,3-Dichloropropene	7.616	75	181466	48.187	ug/l	97
55) 1,1,2-Trichloroethane	8.407	97	112310	48.722	ug/l	99
56) Ethyl methacrylate	8.340	69	180873	51.367	ug/l	97
57) 1,3-Dichloropropane	8.581	76	197280	48.237	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	297998	238.489	ug/l	98
59) 2-Hexanone	8.693	43	777682	253.605	ug/l	97
60) Dibromochloromethane	8.816	129	116525	50.831	ug/l	100
61) 1,2-Dibromoethane	8.931	107	120704	49.784	ug/l	99
64) Tetrachloroethene	8.558	164	87897	47.507	ug/l	99
65) Chlorobenzene	9.452	112	280276	48.699	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	101203	50.346	ug/l	100
67) Ethyl Benzene	9.578	91	519129	50.216	ug/l	100
68) m/p-Xylenes	9.700	106	399005	103.339	ug/l	99
69) o-Xylene	10.108	106	188034	51.361	ug/l	98
70) Styrene	10.121	104	333541	52.308	ug/l	99
71) Bromoform	10.298	173	87495	51.148	ug/l #	99
73) Isopropylbenzene	10.491	105	508971	51.709	ug/l	100
74) N-amyl acetate	10.327	43	222789	50.400	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	205779	48.025	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	238868	48.469	ug/l	99
77) Bromobenzene	10.790	156	120860	48.842	ug/l	96
78) n-propylbenzene	10.912	91	629435	49.136	ug/l	100
79) 2-Chlorotoluene	10.992	91	366183	48.249	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	452580	51.684	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	64462	47.415	ug/l	99
82) 4-Chlorotoluene	11.102	91	438334	48.904	ug/l	99
83) tert-Butylbenzene	11.426	119	418609	50.954	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	454915	51.707	ug/l	100
85) sec-Butylbenzene	11.648	105	541827	50.219	ug/l	99
86) p-Isopropyltoluene	11.799	119	475015	51.392	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	234655	48.310	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	239116	46.252	ug/l	99
89) n-Butylbenzene	12.214	91	442650	47.149	ug/l	100
90) Hexachloroethane	12.481	117	71558	48.921	ug/l	98
91) 1,2-Dichlorobenzene	12.217	146	232883	47.685	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	49669	51.248	ug/l	97
93) 1,2,4-Trichlorobenzene	13.848	180	151806	49.386	ug/l	99
94) Hexachlorobutadiene	14.028	225	79180	48.002	ug/l	99
95) Naphthalene	14.092	128	513407	49.709	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	151274	50.759	ug/l	99

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

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