

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061621\
 Data File : VU044230.D
 Acq On : 16 Jun 2021 09:50
 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
 6/17/2021 9:22:01 AM

Quant Time: Jun 17 04:53:34 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	208514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	346435	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	329486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	174999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	136991	41.313	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.620%	
35) Dibromofluoromethane	5.298	113	114539	47.529	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.060%	
50) Toluene-d8	7.906	98	427658	46.208	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.420%	
62) 4-Bromofluorobenzene	10.639	95	170661	46.013	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.020%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.392	85	121668	41.365	ug/l	100
3) Chloromethane	1.524	50	136126	40.409	ug/l	100
4) Vinyl Chloride	1.610	62	141655	40.366	ug/l	100
5) Bromomethane	1.864	94	73483	50.746	ug/l	100
6) Chloroethane	1.938	64	70448	35.452	ug/l	99
7) Trichlorofluoromethane	2.144	101	175404	41.552	ug/l	99
8) Diethyl Ether	2.385	74	74991	43.428	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.588	101	112853	43.886	ug/l	96
10) Methyl Iodide	2.732	142	147135	49.603	ug/l	96
11) Tert butyl alcohol	3.257	59	169547m	190.070	ug/l	
12) 1,1-Dichloroethene	2.588	96	113627	44.323	ug/l	96
13) Acrolein	2.498	56	66361	136.146	ug/l	98
14) Allyl chloride	2.932	41	199066	41.613	ug/l	96
15) Acrylonitrile	3.331	53	421033	228.269	ug/l	99
16) Acetone	2.649	43	533541	312.164	ug/l	97
17) Carbon Disulfide	2.803	76	337720	41.027	ug/l	100
18) Methyl Acetate	2.961	43	196348	46.032	ug/l	96
19) Methyl tert-butyl Ether	3.376	73	361339	46.159	ug/l	99
20) Methylene Chloride	3.057	84	141623	47.331	ug/l	96
21) trans-1,2-Dichloroethene	3.363	96	126187	44.561	ug/l	96
22) Diisopropyl ether	4.003	45	350730	42.587	ug/l #	81
23) Vinyl Acetate	3.967	43	1699250	217.427	ug/l	97
24) 1,1-Dichloroethane	3.880	63	230834	42.176	ug/l	99
25) 2-Butanone	4.720	43	666192	240.706	ug/l	98
26) 2,2-Dichloropropane	4.678	77	190902	44.167	ug/l	100
27) cis-1,2-Dichloroethene	4.678	96	143269	45.352	ug/l	95
28) Bromochloromethane	4.983	49	110398	42.283	ug/l	89
29) Tetrahydrofuran	5.067	42	345440	229.606	ug/l	95
30) Chloroform	5.099	83	227070	42.484	ug/l	99
31) Cyclohexane	5.398	56	192445	41.124	ug/l	96
32) 1,1,1-Trichloroethane	5.327	97	193330	43.504	ug/l	97
36) 1,1-Dichloropropene	5.536	75	178000	46.182	ug/l	99
37) Ethyl Acetate	4.816	43	221134	47.912	ug/l	99
38) Carbon Tetrachloride	5.536	117	165461	47.551	ug/l	99
39) Methylcyclohexane	6.771	83	197561	48.052	ug/l	96
40) Benzene	5.784	78	517943	45.349	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	112380	47.561	ug/l	97
42) 1,2-Dichloroethane	5.803	62	173733	43.106	ug/l	98
43) Isopropyl Acetate	5.922	43	307908	47.020	ug/l	97
44) Trichloroethene	6.552	130	131089	49.810	ug/l	96
45) 1,2-Dichloropropane	6.800	63	136138	43.884	ug/l	98
46) Dibromomethane	6.925	93	92250	46.132	ug/l	96
47) Bromodichloromethane	7.115	83	177623	45.143	ug/l	98
48) Methyl methacrylate	6.970	41	147996	46.442	ug/l	96
49) 1,4-Dioxane	7.015	88	80096	960.947	ug/l #	84
51) 4-Methyl-2-Pentanone	7.803	43	1086314	229.196	ug/l	97
52) Toluene	7.977	92	325931	48.143	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	206100	47.872	ug/l	100
54) cis-1,3-Dichloropropene	7.617	75	226108	48.676	ug/l	96
55) 1,1,2-Trichloroethane	8.408	97	130408	45.864	ug/l	99
56) Ethyl methacrylate	8.343	69	218115	50.218	ug/l	96
57) 1,3-Dichloropropane	8.584	76	229803	45.553	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	364811	236.821	ug/l	96
59) 2-Hexanone	8.697	43	886821	234.452	ug/l	96
60) Dibromochloromethane	8.819	129	136882	48.408	ug/l	99
61) 1,2-Dibromoethane	8.932	107	141785	47.409	ug/l	99
64) Tetrachloroethene	8.562	164	118210	52.190	ug/l	98
65) Chlorobenzene	9.456	112	340875	48.382	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.543	131	120188	48.842	ug/l	99
67) Ethyl Benzene	9.578	91	630922	49.854	ug/l	99
68) m/p-Xylenes	9.700	106	483463	102.284	ug/l	97
69) o-Xylene	10.108	106	229711	51.255	ug/l	96
70) Styrene	10.121	104	398006	50.988	ug/l	99
71) Bromoform	10.298	173	105040	50.160	ug/l #	100
73) Isopropylbenzene	10.491	105	618510	52.780	ug/l	99
74) N-amyl acetate	10.330	43	261444	49.678	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	228424	44.777	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	280512	47.809	ug/l	99
77) Bromobenzene	10.790	156	146521	49.735	ug/l	94
78) n-propylbenzene	10.912	91	763251	50.045	ug/l	99
79) 2-Chlorotoluene	10.993	91	438521	48.532	ug/l	99
80) 1,3,5-Trimethylbenzene	11.096	105	542509	52.038	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.555	75	81585	50.405	ug/l	96
82) 4-Chlorotoluene	11.105	91	526156	49.306	ug/l	98
83) tert-Butylbenzene	11.427	119	506705	51.805	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	548548	52.370	ug/l	99
85) sec-Butylbenzene	11.652	105	664891	51.761	ug/l	99
86) p-Isopropyltoluene	11.800	119	586237	53.274	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	287547	49.724	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	291182	47.308	ug/l	99
89) n-Butylbenzene	12.214	91	563491	50.414	ug/l	99
90) Hexachloroethane	12.481	117	85732	49.230	ug/l	96
91) 1,2-Dichlorobenzene	12.221	146	275198	47.330	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	56007	48.538	ug/l	92
93) 1,2,4-Trichlorobenzene	13.848	180	193963	53.001	ug/l	99
94) Hexachlorobutadiene	14.028	225	103458	52.681	ug/l	99
95) Naphthalene	14.092	128	634003	51.454	ug/l	99
96) 1,2,3-Trichlorobenzene	14.337	180	187585	52.868	ug/l	99

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

