

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060721\
 Data File : VU044062.D
 Acq On : 07 Jun 2021 17:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

SAM
 6/8/2021 6:52:21 PM

Quant Time: Jun 08 05:43:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 08 05:21:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	228428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	406269	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	396254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	214747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	191210	48.064	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.120%	
35) Dibromofluoromethane	5.298	113	138712	47.845	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.680%	
50) Toluene-d8	7.906	98	541682	48.438	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.880%	
62) 4-Bromofluorobenzene	10.639	95	216430	48.883	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	161490	48.630	ug/l	99
3) Chloromethane	1.523	50	206705	43.747	ug/l	100
4) Vinyl Chloride	1.610	62	193161	45.670	ug/l	99
5) Bromomethane	1.838	94	99305	56.634	ug/l	100
6) Chloroethane	1.925	64	119084	46.042	ug/l	99
7) Trichlorofluoromethane	2.138	101	227568	46.813	ug/l	99
8) Diethyl Ether	2.382	74	101439	48.490	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	136152	46.320	ug/l	99
10) Methyl Iodide	2.729	142	166618	48.626	ug/l	98
11) Tert butyl alcohol	3.199	59	259158	262.763	ug/l	99
12) 1,1-Dichloroethene	2.584	96	136022	48.381	ug/l	98
13) Acrolein	2.491	56	172087	221.928	ug/l	99
14) Allyl chloride	2.928	41	279491	48.654	ug/l	100
15) Acrylonitrile	3.321	53	574758	262.453	ug/l	99
16) Acetone	2.633	43	524383	228.384	ug/l	99
17) Carbon Disulfide	2.800	76	434057	46.354	ug/l	99
18) Methyl Acetate	2.954	43	266473	52.629	ug/l	100
19) Methyl tert-butyl Ether	3.372	73	462136	53.704	ug/l	100
20) Methylene Chloride	3.054	84	176824	51.398	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	154932	49.130	ug/l	97
22) Diisopropyl ether	4.002	45	506826	51.880	ug/l	98
23) Vinyl Acetate	3.964	43	2521452	273.662	ug/l	100
24) 1,1-Dichloroethane	3.877	63	302585	47.329	ug/l	100
25) 2-Butanone	4.710	43	849098	259.191	ug/l	100
26) 2,2-Dichloropropane	4.674	77	225077	49.091	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	172646	49.508	ug/l	99
28) Bromochloromethane	4.983	49	155571	47.776	ug/l	100
29) Tetrahydrofuran	5.057	42	487781	268.232	ug/l	99
30) Chloroform	5.099	83	292459	47.560	ug/l	99
31) Cyclohexane	5.398	56	257893	46.965	ug/l	99
32) 1,1,1-Trichloroethane	5.327	97	236763	47.909	ug/l	99
36) 1,1-Dichloropropene	5.536	75	223167	48.757	ug/l	99
37) Ethyl Acetate	4.809	43	303196	52.584	ug/l	99
38) Carbon Tetrachloride	5.533	117	198866	48.087	ug/l	98
39) Methylcyclohexane	6.771	83	240423	50.846	ug/l	100
40) Benzene	5.784	78	667849	48.409	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	164563	54.288	ug/l	99
42) 1,2-Dichloroethane	5.803	62	243480	49.445	ug/l	100
43) Isopropyl Acetate	5.919	43	434926	53.343	ug/l	100
44) Trichloroethene	6.549	130	149438	49.023	ug/l	99
45) 1,2-Dichloropropane	6.800	63	184520	49.008	ug/l	97
46) Dibromomethane	6.925	93	117263	48.972	ug/l	99
47) Bromodichloromethane	7.115	83	234706	49.309	ug/l	99
48) Methyl methacrylate	6.967	41	216192	53.774	ug/l	99
49) 1,4-Dioxane	6.970	88	111308	1126.072	ug/l	99
51) 4-Methyl-2-Pentanone	7.800	43	1620247	267.585	ug/l	99
52) Toluene	7.976	92	408392	50.726	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	267200	52.718	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	288264	51.501	ug/l	100
55) 1,1,2-Trichloroethane	8.407	97	166811	48.854	ug/l	99
56) Ethyl methacrylate	8.340	69	290177	47.960	ug/l	100
57) 1,3-Dichloropropane	8.581	76	307552	49.897	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	441871	250.354	ug/l	100
59) 2-Hexanone	8.694	43	1284603	273.006	ug/l	99
60) Dibromochloromethane	8.819	129	168943	49.657	ug/l	100
61) 1,2-Dibromoethane	8.931	107	179689	51.405	ug/l	100
64) Tetrachloroethene	8.558	164	130734	51.388	ug/l	98
65) Chlorobenzene	9.452	112	412473	49.396	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	146496	49.688	ug/l	99
67) Ethyl Benzene	9.578	91	792101	52.218	ug/l	99
68) m/p-Xylenes	9.700	106	594068	105.675	ug/l	100
69) o-Xylene	10.108	106	284881	52.902	ug/l	99
70) Styrene	10.121	104	503223	54.612	ug/l	100
71) Bromoform	10.298	173	129325	50.272	ug/l #	99
73) Isopropylbenzene	10.491	105	763676	52.845	ug/l	100
74) N-amyl acetate	10.327	43	375260	56.720	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	325982	49.631	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	311252m	51.812	ug/l	
77) Bromobenzene	10.790	156	177004	50.828	ug/l	99
78) n-propylbenzene	10.912	91	978447	52.476	ug/l	100
79) 2-Chlorotoluene	10.992	91	567553	50.769	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	691739	53.791	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	108324	52.653	ug/l	99
82) 4-Chlorotoluene	11.102	91	683750	52.259	ug/l	100
83) tert-Butylbenzene	11.427	119	630168	52.769	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	700972	50.524	ug/l	100
85) sec-Butylbenzene	11.648	105	835403	53.618	ug/l	100
86) p-Isopropyltoluene	11.800	119	726824	54.899	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	351113	50.591	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	358927	48.974	ug/l	99
89) n-Butylbenzene	12.214	91	717830	53.635	ug/l	100
90) Hexachloroethane	12.484	117	108118	47.629	ug/l	98
91) 1,2-Dichlorobenzene	12.217	146	349817	50.778	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	75900	52.722	ug/l	99
93) 1,2,4-Trichlorobenzene	13.848	180	221930	54.999	ug/l	100
94) Hexachlorobutadiene	14.028	225	115571	50.239	ug/l	99
95) Naphthalene	14.092	128	741790	50.617	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	217733	56.014	ug/l	100

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

