Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061521\
Data File : VU044218.D
Acq On : 15 Jun 2021 10:57
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDCCC050

Quant Time: Jun 15 17:23:31 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	171547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	282851	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	274488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	155059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	120589	44.204	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.400%		
35) Dibromofluoromethane	5.298	113	98150	49.883	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.760%		
50) Toluene-d8	7.906	98	370772	49.067	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.140%		
62) 4-Bromofluorobenzene	10.639	95	143807	47.488	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.980%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.391	85	107084	44.252	ug/l	99
3) Chloromethane	1.523	50	115585	41.757	ug/l	100
4) Vinyl Chloride	1.610	62	118707	41.116	ug/l	100
5) Bromomethane	1.864	94	63614	53.397	ug/l	99
6) Chloroethane	1.938	64	62410	38.270	ug/l	99
7) Trichlorofluoromethane	2.144	101	153785	44.282	ug/l	100
8) Diethyl Ether	2.385	74	61669	43.409	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.591	101	96567	45.645	ug/l	97
10) Methyl Iodide	2.732	142	119161	48.829	ug/l	99
11) Tert butyl alcohol	3.256	59	150890	205.606	ug/l #	82
12) 1,1-Dichloroethene	2.588	96	91973	43.608	ug/l	98
13) Acrolein	2.501	56	60300	150.687	ug/l	100
14) Allyl chloride	2.935	41	155529	39.518	ug/l	98
15) Acrylonitrile	3.330	53	346118	228.090	ug/l	99
16) Acetone	2.652	43	494648	352.048	ug/l	97
17) Carbon Disulfide	2.803	76	284326	41.984	ug/l	99
18) Methyl Acetate	2.961	43	159728	45.517	ug/l	98
19) Methyl tert-butyl Ether	3.375	73	286575	44.497	ug/l	100
20) Methylene Chloride	3.057	84	115485	46.902	ug/l	94
21) trans-1,2-Dichloroethene	3.362	96	105243	45.174	ug/l	97
22) Diisopropyl ether	4.005	45	290353	42.853	ug/l	88
23) Vinyl Acetate	3.970	43	1378397	214.379	ug/l	98
24) 1,1-Dichloroethane	3.880	63	191003	42.419	ug/l	98
25) 2-Butanone	4.722	43	574391	252.259	ug/l	97
26) 2,2-Dichloropropane	4.677	77	155310	43.676	ug/l	99
27) cis-1,2-Dichloroethene	4.677	96	113326	43.604	ug/l	97
28) Bromochloromethane	4.986	49	92931	43.263	ug/l	91
29) Tetrahydrofuran	5.067	42	283703	229.207	ug/l	96
30) Chloroform	5.099	83	193921	44.100	ug/l	100
31) Cyclohexane	5.398	56	156637	40.685	ug/l	96
32) 1,1,1-Trichloroethane	5.327	97	160286	43.841	ug/l	98
36) 1,1-Dichloropropene	5.536	75	146080	46.420	ug/l	98
37) Ethyl Acetate	4.816	43	181653	48.205	ug/l	99
38) Carbon Tetrachloride	5.536	117	139315	49.037	ug/l	99
39) Methylcyclohexane	6.774	83	154957	46.162	ug/l	97
40) Benzene	5.784	78	437863	46.956	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.986	41	91915	47.644	ug/l		97
42) 1,2-Dichloroethane	5.803	62	148750	45.204	ug/l		98
43) Isopropyl Acetate	5.922	43	242659	45.386	ug/l		98
44) Trichloroethene	6.552	130	106186	49.417	ug/l		96
45) 1,2-Dichloropropane	6.800	63	114060	45.032	ug/l		98
46) Dibromomethane	6.928	93	77396	47.404	ug/l		96
47) Bromodichloromethane	7.115	83	150554	46.865	ug/l		96
48) Methyl methacrylate	6.970	41	113691	43.697	ug/l		96
49) 1,4-Dioxane	7.018	88	64894	953.580	ug/l	#	84
51) 4-Methyl-2-Pentanone	7.803	43	897747	231.990	ug/l		97
52) Toluene	7.976	92	273239	49.433	ug/l		99
53) t-1,3-Dichloropropene	8.218	75	166045	47.239	ug/l		99
54) cis-1,3-Dichloropropene	7.616	75	183238	48.315	ug/l		96
55) 1,1,2-Trichloroethane	8.407	97	110975	47.803	ug/l		99
56) Ethyl methacrylate	8.343	69	170534	48.089	ug/l		96
57) 1,3-Dichloropropane	8.584	76	195570	47.482	ug/l		100
58) 2-Chloroethyl Vinyl ether	7.472	63	295182	234.849	ug/l		97
59) 2-Hexanone	8.697	43	760696	246.316	ug/l		97
60) Dibromochloromethane	8.819	129	114126	49.434	ug/l		99
61) 1,2-Dibromoethane	8.931	107	118526	48.540	ug/l		99
64) Tetrachloroethene	8.562	164	96026	50.891	ug/l		98
65) Chlorobenzene	9.455	112	282803	48.183	ug/l		99
66) 1,1,1,2-Tetrachloroethane	9.542	131	100358	48.955	ug/l		99
67) Ethyl Benzene	9.578	91	515912	48.934	ug/l		98
68) m/p-Xylenes	9.700	106	405630	103.012	ug/l		98
69) o-Xylene	10.108	106	187667	50.263	ug/l		96
70) Styrene	10.121	104	334900	51.500	ug/l		99
71) Bromoform	10.298	173	85909	49.244	ug/l	#	98
73) Isopropylbenzene	10.491	105	512767	49.383	ug/l		100
74) N-amyl acetate	10.330	43	203671	43.677	ug/l		96
75) 1,1,2,2-Tetrachloroethane	10.790	83	198447	43.904	ug/l		100
76) 1,2,3-Trichloropropane	10.832	75	236077	45.410	ug/l		99
77) Bromobenzene	10.790	156	122508	46.931	ug/l		95
78) n-propylbenzene	10.912	91	645464	47.765	ug/l		99
79) 2-Chlorotoluene	10.992	91	369591	46.163	ug/l		98
80) 1,3,5-Trimethylbenzene	11.095	105	459026	49.692	ug/l		98
81) trans-1,4-Dichloro-2-b...	10.555	75	65981	46.007	ug/l		97
82) 4-Chlorotoluene	11.102	91	448145	47.396	ug/l		98
83) tert-Butylbenzene	11.426	119	416584	48.068	ug/l		99
84) 1,2,4-Trimethylbenzene	11.475	105	462312	49.813	ug/l		99
85) sec-Butylbenzene	11.651	105	554573	48.725	ug/l		99
86) p-Isopropyltoluene	11.799	119	493756	50.640	ug/l		99
87) 1,3-Dichlorobenzene	11.751	146	242336	47.295	ug/l		99
88) 1,4-Dichlorobenzene	11.841	146	248372	45.542	ug/l		99
89) n-Butylbenzene	12.217	91	469369	47.393	ug/l		99
90) Hexachloroethane	12.481	117	72179	46.777	ug/l		98
91) 1,2-Dichlorobenzene	12.221	146	239724	46.531	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	45957	44.950	ug/l		95
93) 1,2,4-Trichlorobenzene	13.848	180	158320	48.824	ug/l		99
94) Hexachlorobutadiene	14.028	225	87949	50.543	ug/l		100
95) Naphthalene	14.095	128	508703	46.862	ug/l		100
96) 1,2,3-Trichlorobenzene	14.336	180	155373	49.421	ug/l		99

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

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