Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022021\
Data File : VU042373.D
Acq On : 19 Feb 2021 19:45
Operator : SY/MD
Sample : MDL14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 20 01:56:41 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 20 01:54:00 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL14

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.382	168	134697	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.256	114	209316	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.426	117	192621	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	93530	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.710	65	110188	53.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.88%				
35) Dibromofluoromethane	5.298	113	75732	51.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.52%				
50) Toluene-d8	7.906	98	263543	49.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.62%				
62) 4-Bromofluorobenzene	10.639	95	96782	46.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.82%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	3984	2.45	ug/l		97
3) Chloromethane	1.523	50	4453	2.68	ug/l		97
4) Vinyl Chloride	1.607	62	3990	2.51	ug/l		92
5) Bromomethane	1.861	94	3191	3.26	ug/l		97
6) Chloroethane	1.938	64	3035	3.32	ug/l		94
7) Trichlorofluoromethane	2.141	101	6925	2.84	ug/l		93
8) Diethyl Ether	2.382	74	2293	2.96	ug/l		96
9) 1,1,2-Trichlorotrifluo...	2.587	101	3427	2.69	ug/l		96
10) Methyl Iodide	2.729	142	4179	2.30	ug/l		94
11) Tert butyl alcohol	3.237	59	6814	15.61	ug/l	#	96
12) 1,1-Dichloroethene	2.587	96	2987	2.41	ug/l		79
13) Acrolein	2.497	56	3675	13.75	ug/l		97
14) Allyl chloride	2.932	41	7217	2.62	ug/l		98
15) Acrylonitrile	3.327	53	13511	12.82	ug/l		92
16) Acetone	2.649	43	14646	11.56	ug/l		98
17) Carbon Disulfide	2.800	76	9209	2.47	ug/l		100
18) Methyl Acetate	2.960	43	5737	2.49	ug/l		97
19) Methyl tert-butyl Ether	3.372	73	11881	2.53	ug/l		99
20) Methylene Chloride	3.054	84	4127	2.83	ug/l		96
21) trans-1,2-Dichloroethene	3.362	96	3453	2.59	ug/l		94
22) Diisopropyl ether	3.999	45	13662	2.62	ug/l	#	69
23) Vinyl Acetate	3.967	43	61344	12.36	ug/l		100
24) 1,1-Dichloroethane	3.880	63	7177	2.65	ug/l		99
25) 2-Butanone	4.719	43	19678	11.68	ug/l		99
26) 2,2-Dichloropropane	4.674	77	5967	2.43	ug/l		99
27) cis-1,2-Dichloroethene	4.677	96	3676	2.38	ug/l		87
28) Bromochloromethane	4.983	49	3515	2.51	ug/l	#	93
29) Tetrahydrofuran	5.066	42	12972	12.39	ug/l		98
30) Chloroform	5.099	83	7207	2.62	ug/l		83
31) Cyclohexane	5.388	56	9125	3.41	ug/l	#	65
32) 1,1,1-Trichloroethane	5.330	97	6558	2.61	ug/l		94
36) 1,1-Dichloropropene	5.533	75	4945	2.39	ug/l		99
37) Ethyl Acetate	4.819	43	7835	2.43	ug/l	#	95
38) Carbon Tetrachloride	5.533	117	5299	2.40	ug/l		88
39) Methylcyclohexane	6.771	83	5554	2.32	ug/l		96
40) Benzene	5.780	78	15177	2.61	ug/l		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.983	41	4259	2.57	ug/l		97
42) 1,2-Dichloroethane	5.803	62	6903	2.72	ug/l		93
43) Isopropyl Acetate	5.928	43	11819	2.50	ug/l		98
44) Trichloroethene	6.552	130	4196	2.71	ug/l		95
45) 1,2-Dichloropropane	6.800	63	4177	2.59	ug/l		93
46) Dibromomethane	6.928	93	2958	2.63	ug/l		98
47) Bromodichloromethane	7.115	83	5494	2.49	ug/l		96
48) Methyl methacrylate	6.970	41	5647	2.41	ug/l		98
49) 1,4-Dioxane	7.005	88	2461m	54.79	ug/l		
51) 4-Methyl-2-Pentanone	7.806	43	39514	12.35	ug/l		96
52) Toluene	7.976	92	9693	2.70	ug/l		95
53) t-1,3-Dichloropropene	8.221	75	5525	2.28	ug/l		98
54) cis-1,3-Dichloropropene	7.613	75	5776	2.24	ug/l		90
55) 1,1,2-Trichloroethane	8.404	97	3749	2.52	ug/l	#	88
56) Ethyl methacrylate	8.343	69	5710	2.24	ug/l		90
57) 1,3-Dichloropropane	8.581	76	6403	2.46	ug/l		97
58) 2-Chloroethyl Vinyl ether	7.472	63	8170	9.50	ug/l		99
59) 2-Hexanone	8.700	43	29178	11.41	ug/l		98
60) Dibromochloromethane	8.819	129	4169	2.40	ug/l		100
61) 1,2-Dibromoethane	8.935	107	4039	2.38	ug/l		92
64) Tetrachloroethene	8.562	164	3657	2.52	ug/l		94
65) Chlorobenzene	9.455	112	10036	2.60	ug/l		94
66) 1,1,1,2-Tetrachloroethane	9.542	131	3620	2.46	ug/l		89
67) Ethyl Benzene	9.578	91	16687	2.40	ug/l		98
68) m/p-Xylenes	9.703	106	12520	4.87	ug/l		100
69) o-Xylene	10.105	106	6392	2.54	ug/l		90
70) Styrene	10.121	104	10154	2.43	ug/l		96
71) Bromoform	10.298	173	3144	2.22	ug/l	#	96
73) Isopropylbenzene	10.491	105	16525	2.65	ug/l		98
74) N-amyl acetate	10.330	43	8337	2.34	ug/l		97
75) 1,1,2,2-Tetrachloroethane	10.793	83	6098	2.57	ug/l		97
76) 1,2,3-Trichloropropane	10.835	75	6073m	2.63	ug/l		
77) Bromobenzene	10.790	156	4329	2.59	ug/l		93
78) n-propylbenzene	10.912	91	18019	2.50	ug/l		100
79) 2-Chlorotoluene	10.996	91	11555	2.62	ug/l		97
80) 1,3,5-Trimethylbenzene	11.095	105	13569	2.53	ug/l		98
81) trans-1,4-Dichloro-2-b...	10.555	75	1689	1.99	ug/l	#	82
82) 4-Chlorotoluene	11.105	91	13528	2.63	ug/l		100
83) tert-Butylbenzene	11.426	119	13585	2.62	ug/l		97
84) 1,2,4-Trimethylbenzene	11.475	105	13501	2.52	ug/l		99
85) sec-Butylbenzene	11.651	105	14943	2.45	ug/l		97
86) p-Isopropyltoluene	11.799	119	13521	2.40	ug/l		94
87) 1,3-Dichlorobenzene	11.754	146	7503	2.60	ug/l		97
88) 1,4-Dichlorobenzene	11.841	146	7650	2.59	ug/l		85
89) n-Butylbenzene	12.217	91	10709	2.16	ug/l		100
90) Hexachloroethane	12.487	117	2290	2.29	ug/l		98
91) 1,2-Dichlorobenzene	12.221	146	7742	2.64	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	1423	2.19	ug/l		91
93) 1,2,4-Trichlorobenzene	13.848	180	4151	2.27	ug/l		96
94) Hexachlorobutadiene	14.028	225	2102	2.05	ug/l		89
95) Naphthalene	14.095	128	9535	1.82	ug/l		97
96) 1,2,3-Trichlorobenzene	14.339	180	3670	2.05	ug/l		97

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

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