Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012023\
Data File : VU052756.D
Acq On : 20 Jan 2023 12:36
Operator : JC/MD
Sample : MDL06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Quant Time: Jan 21 01:19:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 21 01:19:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.369	168	199259	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.247	114	332500	50.000	ug/l		0.00
63) Chlorobenzene-d5	9.414	117	301177	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	133481	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.697	65	146195	50.945	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.880%				
35) Dibromofluoromethane	5.285	113	114924	49.638	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.280%				
50) Toluene-d8	7.893	98	405775	46.734	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.460%				
62) 4-Bromofluorobenzene	10.629	95	136919	43.169	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.340%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.385	85	1033	0.440	ug/l		89
3) Chloromethane	1.520	50	1670	0.692	ug/l	#	86
4) Vinyl Chloride	1.604	62	1203	0.500	ug/l		94
5) Bromomethane	1.861	94	872	0.734	ug/l		89
6) Chloroethane	1.938	64	593	0.390	ug/l	#	81
7) Trichlorofluoromethane	2.137	101	1608	0.434	ug/l	#	75
8) Diethyl Ether	2.372	74	721	0.534	ug/l		100
9) 1,1,2-Trichlorotrifluo...	2.581	101	985	0.460	ug/l	#	90
10) Methyl Iodide	2.723	142	1044	0.593	ug/l	#	72
11) Tert butyl alcohol	3.211	59	1679m	3.434	ug/l		
12) 1,1-Dichloroethene	2.581	96	982	0.463	ug/l		96
13) Acrolein	2.488	56	1500	3.120	ug/l		94
14) Allyl chloride	2.922	41	1306	0.391	ug/l	#	90
15) Acrylonitrile	3.321	53	2845	2.109	ug/l	#	91
16) Acetone	2.636	43	3765	2.753	ug/l		93
17) Carbon Disulfide	2.797	76	3779	0.595	ug/l	#	92
18) Methyl Acetate	2.954	43	1765	0.466	ug/l	#	66
19) Methyl tert-butyl Ether	3.356	73	3190	0.444	ug/l		96
20) Methylene Chloride	3.041	84	2227	0.723	ug/l		93
21) trans-1,2-Dichloroethene	3.356	96	1127	0.493	ug/l	#	80
22) Diisopropyl ether	3.986	45	2978	0.429	ug/l	#	18
23) Vinyl Acetate	3.961	43	10228	1.920	ug/l	#	91
24) 1,1-Dichloroethane	3.871	63	2236	0.508	ug/l	#	82
25) 2-Butanone	4.729	43	3529m	2.001	ug/l		
26) 2,2-Dichloropropane	4.661	77	1599	0.443	ug/l		79
27) cis-1,2-Dichloroethene	4.668	96	1138	0.454	ug/l		94
28) Bromochloromethane	4.973	49	712	0.387	ug/l	#	90
29) Tetrahydrofuran	5.060	42	2206m	2.154	ug/l		
30) Chloroform	5.086	83	2472	0.525	ug/l		94
31) Cyclohexane	5.372	56	5610	1.395	ug/l	#	1
32) 1,1,1-Trichloroethane	5.311	97	1715	0.445	ug/l	#	51
36) 1,1-Dichloropropene	5.523	75	1329	0.400	ug/l		98
37) Ethyl Acetate	4.819	43	1506m	0.417	ug/l		
38) Carbon Tetrachloride	5.520	117	1361	0.398	ug/l		92
39) Methylcyclohexane	6.758	83	1671	0.432	ug/l	#	86
40) Benzene	5.771	78	4413	0.440	ug/l		99

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ClientSampleId :
MDL06

Quant Time: Jan 21 01:19:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 21 01:19:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.983	41	636	0.364	ug/l	#	63
42) 1,2-Dichloroethane	5.796	62	1895	0.523	ug/l	#	74
43) Isopropyl Acetate	5.912	43	2004	0.398	ug/l	#	87
44) Trichloroethene	6.539	130	1156	0.466	ug/l		84
45) 1,2-Dichloropropane	6.784	63	1019	0.394	ug/l		91
46) Dibromomethane	6.922	93	750	0.419	ug/l		88
47) Bromodichloromethane	7.099	83	1698	0.474	ug/l	#	75
48) Methyl methacrylate	6.957	41	664	0.289	ug/l	#	84
49) 1,4-Dioxane	6.999	88	171m	3.848	ug/l		
51) 4-Methyl-2-Pentanone	7.790	43	6459	1.983	ug/l		100
52) Toluene	7.970	92	2878	0.474	ug/l		93
53) t-1,3-Dichloropropene	8.211	75	1796	0.480	ug/l		90
54) cis-1,3-Dichloropropene	7.607	75	1620	0.406	ug/l	#	75
55) 1,1,2-Trichloroethane	8.398	97	1029	0.416	ug/l	#	88
56) Ethyl methacrylate	8.337	69	1264	0.363	ug/l		95
57) 1,3-Dichloropropane	8.571	76	1683	0.388	ug/l		98
59) 2-Hexanone	8.687	43	5463	2.177	ug/l		97
60) Dibromochloromethane	8.809	129	1141	0.420	ug/l		83
61) 1,2-Dibromoethane	8.925	107	1114	0.429	ug/l		94
64) Tetrachloroethene	8.549	164	954	0.456	ug/l	#	76
65) Chlorobenzene	9.446	112	3008	0.472	ug/l		89
66) 1,1,1,2-Tetrachloroethane	9.529	131	1039	0.435	ug/l	#	66
67) Ethyl Benzene	9.565	91	4458	0.414	ug/l		89
68) m/p-Xylenes	9.693	106	3395	0.812	ug/l		88
69) o-Xylene	10.095	106	1519	0.380	ug/l		90
70) Styrene	10.118	104	2312	0.353	ug/l	#	89
71) Bromoform	10.288	173	980	0.491	ug/l	#	81
73) Isopropylbenzene	10.481	105	4035	0.459	ug/l		97
74) N-amyl acetate	10.317	43	1696	0.506	ug/l		98
75) 1,1,2,2-Tetrachloroethane	10.777	83	1813	0.520	ug/l	#	92
76) 1,2,3-Trichloropropane	10.822	75	2090	0.574	ug/l		96
77) Bromobenzene	10.780	156	1201	0.528	ug/l		77
78) n-propylbenzene	10.902	91	5260	0.509	ug/l		92
79) 2-Chlorotoluene	10.986	91	3461	0.542	ug/l		100
80) 1,3,5-Trimethylbenzene	11.089	105	3600	0.493	ug/l		99
82) 4-Chlorotoluene	11.095	91	4172	0.573	ug/l		89
83) tert-Butylbenzene	11.417	119	3996	0.533	ug/l		93
84) 1,2,4-Trimethylbenzene	11.465	105	3642	0.502	ug/l		93
85) sec-Butylbenzene	11.639	105	4636	0.505	ug/l		96
86) p-Isopropyltoluene	11.790	119	3630	0.465	ug/l		86
87) 1,3-Dichlorobenzene	11.742	146	2990	0.690	ug/l		94
88) 1,4-Dichlorobenzene	11.835	146	3512m	0.788	ug/l		
89) n-Butylbenzene	12.205	91	4088	0.610	ug/l		97
90) Hexachloroethane	12.468	117	687	0.459	ug/l		98
91) 1,2-Dichlorobenzene	12.211	146	2652	0.607	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	12.999	75	409	0.566	ug/l		82
93) 1,2,4-Trichlorobenzene	13.838	180	2421	0.948	ug/l		87
94) Hexachlorobutadiene	14.018	225	992	0.701	ug/l		88
95) Naphthalene	14.086	128	8738	1.206	ug/l		97
96) 1,2,3-Trichlorobenzene	14.327	180	2714	1.071	ug/l		99

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