Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
Data File : VY004098.D
Acq On : 17 Mar 2021 13:14
Operator : SY/MD
Sample : M1458-01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED
MMDadoda
3/18/2021 2:18:47 PM

Quant Time: Mar 18 02:47:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 18 02:46:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.801	168	218220	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	345050	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.496	117	307706	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156472	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.155	65	99167	46.05	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.10%				
35) Dibromofluoromethane	7.728	113	95364	49.01	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.02%				
50) Toluene-d8	10.185	98	362198	47.48	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.96%				
62) 4-Bromofluorobenzene	12.483	95	134046	47.58	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.16%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.912	85	4745	2.70	ug/l		97
3) Chloromethane	2.119	50	7061	2.99	ug/l	#	85
4) Vinyl Chloride	2.259	62	7175	2.72	ug/l		96
5) Bromomethane	2.668	94	5388	3.20	ug/l		96
6) Chloroethane	2.808	64	3989	2.48	ug/l		93
7) Trichlorofluoromethane	3.137	101	8645	2.47	ug/l		97
8) Diethyl Ether	3.546	74	2719	2.42	ug/l		83
9) 1,1,2-Trichlorotrifluo...	3.905	101	4819	2.46	ug/l		99
10) Methyl Iodide	4.107	142	4523	2.26	ug/l	#	93
11) Tert butyl alcohol	4.966	59	2848	14.63	ug/l	#	90
12) 1,1-Dichloroethene	3.893	96	4888	2.55	ug/l		85
13) Acrolein	3.741	56	1890	9.79	ug/l		98
14) Allyl chloride	4.497	41	7109	2.24	ug/l		89
15) Acrylonitrile	5.186	53	6265	11.22	ug/l		99
16) Acetone	3.960	43	6020	11.58	ug/l	#	89
17) Carbon Disulfide	4.210	76	13358	2.37	ug/l	#	92
18) Methyl Acetate	4.485	43	3501	2.73	ug/l	#	87
19) Methyl tert-butyl Ether	5.234	73	13209	2.42	ug/l		94
20) Methylene Chloride	4.735	84	15050	6.00	ug/l		89
21) trans-1,2-Dichloroethene	5.241	96	5500	2.55	ug/l	#	78
22) Diisopropyl ether	6.131	45	14700	2.19	ug/l		97
23) Vinyl Acetate	6.076	43	44114	10.00	ug/l		96
24) 1,1-Dichloroethane	6.033	63	8500	2.29	ug/l		98
25) 2-Butanone	7.002	43	7997	10.67	ug/l		100
26) 2,2-Dichloropropane	6.990	77	8209	2.31	ug/l		99
27) cis-1,2-Dichloroethene	6.996	96	5833	2.38	ug/l		94
28) Bromochloromethane	7.350	49	3911	2.41	ug/l		87
29) Tetrahydrofuran	7.356	42	5204	10.69	ug/l	#	87
30) Chloroform	7.521	83	9270	2.41	ug/l		96
31) Cyclohexane	7.789	56	12299	3.26	ug/l	#	67
32) 1,1,1-Trichloroethane	7.716	97	8334	2.33	ug/l		99
36) 1,1-Dichloropropene	7.923	75	7778	2.57	ug/l		97
37) Ethyl Acetate	7.088	43	3769	2.31	ug/l	#	94
38) Carbon Tetrachloride	7.911	117	7426	2.31	ug/l		90
39) Methylcyclohexane	9.191	83	9412	2.40	ug/l		87
40) Benzene	8.167	78	20446	2.39	ug/l	#	90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.319	41	1827m	1.81	ug/l		
42) 1,2-Dichloroethane	8.252	62	6415	2.46	ug/l		96
43) Isopropyl Acetate	8.277	43	6905	2.11	ug/l	#	92
44) Trichloroethene	8.941	130	6647	2.69	ug/l		96
45) 1,2-Dichloropropane	9.222	63	4880	2.29	ug/l	#	82
46) Dibromomethane	9.313	93	2992	2.45	ug/l		97
47) Bromodichloromethane	9.508	83	7002	2.30	ug/l		89
48) Methyl methacrylate	9.301	41	3297	2.12	ug/l		89
49) 1,4-Dioxane	9.313	88	732	47.17	ug/l	#	22
51) 4-Methyl-2-Pentanone	10.075	43	17029	10.26	ug/l		95
52) Toluene	10.252	92	14010	2.53	ug/l		90
53) t-1,3-Dichloropropene	10.471	75	7184	2.24	ug/l		91
54) cis-1,3-Dichloropropene	9.935	75	7889	2.19	ug/l		92
55) 1,1,2-Trichloroethane	10.654	97	4310	2.51	ug/l		93
56) Ethyl methacrylate	10.514	69	5055	2.11	ug/l	#	91
57) 1,3-Dichloropropane	10.794	76	7075	2.41	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.789	63	13842	13.02	ug/l		92
59) 2-Hexanone	10.837	43	11403	9.78	ug/l		96
60) Dibromochloromethane	10.990	129	5147	2.39	ug/l		95
61) 1,2-Dibromoethane	11.093	107	4098	2.46	ug/l		98
64) Tetrachloroethene	10.721	164	7807	3.03	ug/l		97
65) Chlorobenzene	11.520	112	15011	2.55	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.593	131	5160	2.34	ug/l		95
67) Ethyl Benzene	11.599	91	26207	2.42	ug/l		99
68) m/p-Xylenes	11.709	106	20733	5.02	ug/l		90
69) o-Xylene	12.032	106	9520	2.44	ug/l		93
70) Styrene	12.050	104	15149	2.27	ug/l		96
71) Bromoform	12.209	173	3158	2.39	ug/l	#	99
73) Isopropylbenzene	12.331	105	26515	2.44	ug/l		99
74) N-amyl acetate	12.148	43	6336	2.03	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.587	83	3865	2.05	ug/l		95
76) 1,2,3-Trichloropropane	12.642	75	3173m	2.11	ug/l		
77) Bromobenzene	12.611	156	6556	2.61	ug/l		92
78) n-propylbenzene	12.672	91	30876	2.41	ug/l		96
79) 2-Chlorotoluene	12.764	91	17241	2.40	ug/l		94
80) 1,3,5-Trimethylbenzene	12.818	105	21800	2.36	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.380	75	1588m	2.09	ug/l		
82) 4-Chlorotoluene	12.861	91	18010	2.37	ug/l		95
83) tert-Butylbenzene	13.075	119	19501	2.46	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	22222	2.41	ug/l		100
85) sec-Butylbenzene	13.257	105	26318	2.41	ug/l		97
86) p-Isopropyltoluene	13.373	119	24777	2.44	ug/l		97
87) 1,3-Dichlorobenzene	13.367	146	12114	2.50	ug/l		96
88) 1,4-Dichlorobenzene	13.453	146	13045	2.69	ug/l		85
89) n-Butylbenzene	13.702	91	23122	2.39	ug/l		98
90) Hexachloroethane	13.965	117	3957	2.17	ug/l		92
91) 1,2-Dichlorobenzene	13.745	146	11335	2.64	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	791	2.22	ug/l		87
93) 1,2,4-Trichlorobenzene	15.007	180	8209	2.81	ug/l		97
94) Hexachlorobutadiene	15.117	225	4559	2.79	ug/l		96
95) Naphthalene	15.239	128	15442	2.67	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	7416	3.02	ug/l		99

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

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

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