Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051121\
Data File : VY004742.D
Acq On : 11 May 2021 13:16
Operator : SY/MD
Sample : M2262-02 5PPBL0Q
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations APPROVED
MMDadoda
5/12/2021 10:43:03 AM

Quant Time: May 12 01:22:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Wed May 12 01:21:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.801	168	182768	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	296449	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.496	117	270377	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126968	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.149	65	114988	52.86	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.72%				
35) Dibromofluoromethane	7.728	113	94045	57.95	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.90%				
50) Toluene-d8	10.185	98	378047	51.57	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.14%				
62) 4-Bromofluorobenzene	12.483	95	123369	49.86	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.72%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.912	85	7746	4.63	ug/l		99
3) Chloromethane	2.119	50	13215	4.87	ug/l		95
4) Vinyl Chloride	2.259	62	12799	4.61	ug/l		100
5) Bromomethane	2.656	94	8111	5.73	ug/l		98
6) Chloroethane	2.802	64	8084	4.94	ug/l		96
7) Trichlorofluoromethane	3.137	101	17075	5.18	ug/l		94
8) Diethyl Ether	3.540	74	6071	5.22	ug/l		99
9) 1,1,2-Trichlorotrifluo...	3.912	101	9317	4.98	ug/l		98
10) Methyl Iodide	4.107	142	10336	5.17	ug/l		99
11) Tert butyl alcohol	4.972	59	6527	29.85	ug/l	#	94
12) 1,1-Dichloroethene	3.887	96	9102	5.04	ug/l		98
13) Acrolein	3.741	56	6245	24.30	ug/l		95
14) Allyl chloride	4.491	41	17706	5.02	ug/l		99
15) Acrylonitrile	5.186	53	14462	24.78	ug/l		99
16) Acetone	3.960	43	13836	28.32	ug/l		97
17) Carbon Disulfide	4.210	76	29267	5.30	ug/l		98
18) Methyl Acetate	4.491	43	8752	5.62	ug/l		100
19) Methyl tert-butyl Ether	5.234	73	24950	5.02	ug/l		99
20) Methylene Chloride	4.735	84	17479	5.58	ug/l		91
21) trans-1,2-Dichloroethene	5.234	96	10164	4.95	ug/l		92
22) Diisopropyl ether	6.137	45	32800	4.83	ug/l		99
23) Vinyl Acetate	6.076	43	115584	22.66	ug/l		100
24) 1,1-Dichloroethane	6.033	63	18861	4.94	ug/l		99
25) 2-Butanone	7.002	43	20837	24.00	ug/l		96
26) 2,2-Dichloropropane	6.996	77	16796	5.03	ug/l		99
27) cis-1,2-Dichloroethene	6.996	96	11001	4.83	ug/l		98
28) Bromochloromethane	7.350	49	9711	5.20	ug/l		97
29) Tetrahydrofuran	7.362	42	12932	23.35	ug/l		99
30) Chloroform	7.521	83	18619	4.95	ug/l		100
31) Cyclohexane	7.795	56	19840	5.63	ug/l	#	77
32) 1,1,1-Trichloroethane	7.710	97	16915	5.01	ug/l		96
36) 1,1-Dichloropropene	7.929	75	15061	4.96	ug/l		96
37) Ethyl Acetate	7.088	43	11335	5.44	ug/l		98
38) Carbon Tetrachloride	7.905	117	11972	4.38	ug/l		100
39) Methylcyclohexane	9.191	83	15565	4.70	ug/l		95
40) Benzene	8.173	78	43139	5.02	ug/l		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.338	41	6207m	5.46	ug/l		
42) 1,2-Dichloroethane	8.246	62	14167	5.22	ug/l		100
43) Isopropyl Acetate	8.283	43	19000	4.92	ug/l		98
44) Trichloroethene	8.941	130	11265	4.88	ug/l		99
45) 1,2-Dichloropropane	9.228	63	10755	4.79	ug/l		90
46) Dibromomethane	9.313	93	6162	4.93	ug/l		96
47) Bromodichloromethane	9.502	83	14691	4.96	ug/l		99
48) Methyl methacrylate	9.301	41	8048	4.58	ug/l		97
49) 1,4-Dioxane	9.319	88	1338	90.94	ug/l		97
51) 4-Methyl-2-Pentanone	10.075	43	48587	23.37	ug/l		100
52) Toluene	10.246	92	26643	4.91	ug/l		100
53) t-1,3-Dichloropropene	10.471	75	15772	4.80	ug/l		99
54) cis-1,3-Dichloropropene	9.935	75	17876	4.89	ug/l		97
55) 1,1,2-Trichloroethane	10.654	97	8352	4.86	ug/l		92
56) Ethyl methacrylate	10.514	69	11202	4.50	ug/l		97
57) 1,3-Dichloropropane	10.794	76	14926	4.88	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.789	63	29022	22.61	ug/l		97
59) 2-Hexanone	10.837	43	32241	22.88	ug/l		97
60) Dibromochloromethane	10.990	129	9812	4.80	ug/l		99
61) 1,2-Dibromoethane	11.093	107	8032	4.84	ug/l		98
64) Tetrachloroethene	10.721	164	11963	4.90	ug/l		95
65) Chlorobenzene	11.520	112	28277	5.08	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.593	131	9936	4.91	ug/l		97
67) Ethyl Benzene	11.599	91	49373	4.78	ug/l		96
68) m/p-Xylenes	11.709	106	36310	9.35	ug/l		99
69) o-Xylene	12.032	106	16706	4.60	ug/l		99
70) Styrene	12.050	104	26916	4.42	ug/l		98
71) Bromoform	12.215	173	5776	4.71	ug/l	#	96
73) Isopropylbenzene	12.331	105	45172	4.72	ug/l		98
74) N-amyl acetate	12.148	43	15108	4.46	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.587	83	9567	5.01	ug/l		97
76) 1,2,3-Trichloropropane	12.642	75	7179m	5.32	ug/l		
77) Bromobenzene	12.611	156	10986	5.08	ug/l		97
78) n-propylbenzene	12.672	91	56683	4.85	ug/l		99
79) 2-Chlorotoluene	12.758	91	31436	4.90	ug/l		98
80) 1,3,5-Trimethylbenzene	12.818	105	38132	4.79	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.386	75	3531	4.54	ug/l		93
82) 4-Chlorotoluene	12.861	91	33097	4.97	ug/l		99
83) tert-Butylbenzene	13.081	119	32626	4.80	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	36880	4.63	ug/l		98
85) sec-Butylbenzene	13.257	105	47009	4.76	ug/l		99
86) p-Isopropyltoluene	13.373	119	38792	4.53	ug/l		98
87) 1,3-Dichlorobenzene	13.367	146	20301	4.79	ug/l		99
88) 1,4-Dichlorobenzene	13.446	146	21453	5.13	ug/l		95
89) n-Butylbenzene	13.696	91	39634	4.74	ug/l		97
90) Hexachloroethane	13.965	117	6027	5.00	ug/l		97
91) 1,2-Dichlorobenzene	13.745	146	18887	5.05	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2075	5.81	ug/l		85
93) 1,2,4-Trichlorobenzene	15.013	180	12148	5.04	ug/l		98
94) Hexachlorobutadiene	15.117	225	6860	5.25	ug/l		97
95) Naphthalene	15.239	128	24891	4.77	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	10839	5.08	ug/l		97

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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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