Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051021\
Data File : VY004733.D
Acq On : 10 May 2021 16:38
Operator : SY/MD
Sample : M2262-02 5PPBLOQ
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

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

Manual Integrations APPROVED
MMDadoda
5/11/2021 10:36:06 AM

Quant Time: May 11 04:34:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:33:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.795	168	181362	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	298739	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.490	117	269065	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126644	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.149	65	115245	53.38	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.76%				
35) Dibromofluoromethane	7.728	113	93292	57.04	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.08%				
50) Toluene-d8	10.185	98	381064	51.58	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.16%				
62) 4-Bromofluorobenzene	12.483	95	124539	49.95	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.906	85	8597	5.18	ug/l		99
3) Chloromethane	2.119	50	13020	4.84	ug/l		99
4) Vinyl Chloride	2.253	62	15217	5.53	ug/l		100
5) Bromomethane	2.656	94	8397	5.98	ug/l		94
6) Chloroethane	2.796	64	8621	5.30	ug/l		99
7) Trichlorofluoromethane	3.131	101	17407	5.32	ug/l		92
8) Diethyl Ether	3.534	74	6384	5.53	ug/l		95
9) 1,1,2-Trichlorotrifluo...	3.906	101	9787	5.28	ug/l		98
10) Methyl Iodide	4.107	142	10708	5.40	ug/l		97
11) Tert butyl alcohol	4.966	59	6339	29.22	ug/l	#	80
12) 1,1-Dichloroethene	3.881	96	9489	5.29	ug/l		97
13) Acrolein	3.735	56	6959	27.28	ug/l		95
14) Allyl chloride	4.485	41	17021	4.86	ug/l		96
15) Acrylonitrile	5.186	53	14476	25.00	ug/l		99
16) Acetone	3.960	43	14197	29.28	ug/l		95
17) Carbon Disulfide	4.204	76	29063	5.31	ug/l		99
18) Methyl Acetate	4.491	43	8130	5.26	ug/l		98
19) Methyl tert-butyl Ether	5.241	73	24588	4.99	ug/l		97
20) Methylene Chloride	4.729	84	28242	9.09	ug/l		99
21) trans-1,2-Dichloroethene	5.235	96	10683	5.25	ug/l		94
22) Diisopropyl ether	6.131	45	33125	4.92	ug/l		98
23) Vinyl Acetate	6.076	43	118484	23.41	ug/l		99
24) 1,1-Dichloroethane	6.027	63	19708	5.20	ug/l		95
25) 2-Butanone	7.003	43	20699	24.03	ug/l		98
26) 2,2-Dichloropropane	6.996	77	17168	5.18	ug/l		96
27) cis-1,2-Dichloroethene	6.996	96	12026	5.32	ug/l		95
28) Bromochloromethane	7.338	49	9990	5.39	ug/l		100
29) Tetrahydrofuran	7.350	42	12585	22.90	ug/l		98
30) Chloroform	7.515	83	19714	5.28	ug/l		98
31) Cyclohexane	7.789	56	19585	5.60	ug/l	#	75
32) 1,1,1-Trichloroethane	7.710	97	17355	5.18	ug/l		99
36) 1,1-Dichloropropene	7.923	75	15577	5.09	ug/l		99
37) Ethyl Acetate	7.088	43	11049	5.27	ug/l	#	81
38) Carbon Tetrachloride	7.905	117	12492	4.54	ug/l		97
39) Methylcyclohexane	9.185	83	15644	4.69	ug/l	#	92
40) Benzene	8.167	78	44591	5.15	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.320	41	5852	5.10	ug/l	#	100
42) 1,2-Dichloroethane	8.246	62	14293	5.23	ug/l		99
43) Isopropyl Acetate	8.283	43	18549	4.76	ug/l		97
44) Trichloroethene	8.941	130	12326	5.30	ug/l		96
45) 1,2-Dichloropropane	9.222	63	11697	5.17	ug/l		93
46) Dibromomethane	9.307	93	6111	4.85	ug/l		98
47) Bromodichloromethane	9.502	83	15023	5.03	ug/l		98
48) Methyl methacrylate	9.295	41	8148	4.60	ug/l		98
49) 1,4-Dioxane	9.307	88	1332	89.83	ug/l		93
51) 4-Methyl-2-Pentanone	10.075	43	47746	22.78	ug/l		98
52) Toluene	10.246	92	26855	4.91	ug/l		97
53) t-1,3-Dichloropropene	10.465	75	16288	4.92	ug/l		98
54) cis-1,3-Dichloropropene	9.935	75	18527	5.03	ug/l		96
55) 1,1,2-Trichloroethane	10.648	97	8850	5.11	ug/l		95
56) Ethyl methacrylate	10.514	69	11351	4.53	ug/l		99
57) 1,3-Dichloropropane	10.795	76	15113	4.90	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.789	63	28505	22.04	ug/l		97
59) 2-Hexanone	10.837	43	31274	22.02	ug/l		98
60) Dibromochloromethane	10.990	129	10044	4.87	ug/l		97
61) 1,2-Dibromoethane	11.093	107	8267	4.95	ug/l		99
64) Tetrachloroethene	10.721	164	12359	5.08	ug/l		92
65) Chlorobenzene	11.514	112	29519	5.33	ug/l		92
66) 1,1,1,2-Tetrachloroethane	11.593	131	10312	5.12	ug/l		96
67) Ethyl Benzene	11.593	91	51741	5.03	ug/l		98
68) m/p-Xylenes	11.703	106	38290	9.91	ug/l		98
69) o-Xylene	12.032	106	17424	4.82	ug/l		98
70) Styrene	12.044	104	28585	4.72	ug/l		98
71) Bromoform	12.209	173	5980	4.90	ug/l	#	97
73) Isopropylbenzene	12.331	105	47394	4.96	ug/l		99
74) N-amyl acetate	12.148	43	15125	4.48	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.587	83	9723	5.10	ug/l		98
76) 1,2,3-Trichloropropane	12.636	75	6668m	4.96	ug/l		
77) Bromobenzene	12.611	156	10887	5.05	ug/l		98
78) n-propylbenzene	12.672	91	58766	5.04	ug/l		100
79) 2-Chlorotoluene	12.758	91	32450	5.07	ug/l		99
80) 1,3,5-Trimethylbenzene	12.812	105	38828	4.89	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.380	75	3757	4.84	ug/l		99
82) 4-Chlorotoluene	12.855	91	33385	5.02	ug/l		98
83) tert-Butylbenzene	13.075	119	33543	4.95	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	38400	4.84	ug/l		97
85) sec-Butylbenzene	13.258	105	48839	4.96	ug/l		100
86) p-Isopropyltoluene	13.373	119	40933	4.79	ug/l		98
87) 1,3-Dichlorobenzene	13.367	146	21311	5.04	ug/l		100
88) 1,4-Dichlorobenzene	13.446	146	22182	5.32	ug/l		93
89) n-Butylbenzene	13.696	91	40271	4.83	ug/l		99
90) Hexachloroethane	13.959	117	6128	5.10	ug/l		100
91) 1,2-Dichlorobenzene	13.745	146	19785	5.30	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1842	5.17	ug/l		93
93) 1,2,4-Trichlorobenzene	15.007	180	12213	5.08	ug/l		97
94) Hexachlorobutadiene	15.111	225	6707	5.15	ug/l		95
95) Naphthalene	15.239	128	24565	4.72	ug/l		98
96) 1,2,3-Trichlorobenzene	15.428	180	10950	5.15	ug/l		100

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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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