Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031121\
Data File : VY004074.D
Acq On : 11 Mar 2021 14:07
Operator : SY/MD
Sample : MDL03
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MDL03

Manual Integrations APPROVED
MMDadoda
3/12/2021 2:02:02 PM

Quant Time: Mar 12 02:02:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 12 02:01:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.801	168	233436	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	370350	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.495	117	333366	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165763	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.148	65	113685	49.35	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.70%				
35) Dibromofluoromethane	7.728	113	106479	50.98	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.96%				
50) Toluene-d8	10.185	98	405422	49.52	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.04%				
62) 4-Bromofluorobenzene	12.483	95	148881	49.23	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.46%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.912	85	4991	2.66	ug/l		94
3) Chloromethane	2.119	50	6845	2.71	ug/l		95
4) Vinyl Chloride	2.259	62	7296	2.59	ug/l		99
5) Bromomethane	2.662	94	5985	3.32	ug/l		95
6) Chloroethane	2.802	64	4413	2.57	ug/l	#	78
7) Trichlorofluoromethane	3.137	101	9184	2.45	ug/l		96
8) Diethyl Ether	3.546	74	2869	2.39	ug/l		95
9) 1,1,2-Trichlorotrifluo...	3.911	101	4936	2.35	ug/l		99
10) Methyl Iodide	4.106	142	4845	2.26	ug/l	#	92
11) Tert butyl alcohol	4.972	59	3311	15.90	ug/l		98
12) 1,1-Dichloroethene	3.881	96	5001	2.44	ug/l		93
13) Acrolein	3.747	56	2335	11.30	ug/l		86
14) Allyl chloride	4.491	41	7872	2.32	ug/l		92
15) Acrylonitrile	5.173	53	6865	11.49	ug/l	#	85
16) Acetone	3.960	43	6830	12.28	ug/l	#	83
17) Carbon Disulfide	4.210	76	14129	2.34	ug/l		96
18) Methyl Acetate	4.491	43	4149	3.02	ug/l		99
19) Methyl tert-butyl Ether	5.240	73	13701	2.34	ug/l		93
20) Methylene Chloride	4.734	84	15234	5.67	ug/l		89
21) trans-1,2-Dichloroethene	5.240	96	5775	2.50	ug/l		83
22) Diisopropyl ether	6.130	45	15724	2.19	ug/l		97
23) Vinyl Acetate	6.076	43	48023	10.18	ug/l		99
24) 1,1-Dichloroethane	6.033	63	9030	2.27	ug/l	#	91
25) 2-Butanone	6.996	43	8551	10.67	ug/l	#	89
26) 2,2-Dichloropropane	6.990	77	8370	2.20	ug/l		93
27) cis-1,2-Dichloroethene	7.002	96	6338	2.41	ug/l		93
28) Bromochloromethane	7.344	49	4245	2.44	ug/l	#	86
29) Tetrahydrofuran	7.362	42	5935	11.40	ug/l		95
30) Chloroform	7.514	83	9778	2.37	ug/l		99
31) Cyclohexane	7.795	56	13209	3.27	ug/l	#	56
32) 1,1,1-Trichloroethane	7.709	97	8758	2.29	ug/l		99
36) 1,1-Dichloropropene	7.923	75	8198	2.52	ug/l		98
37) Ethyl Acetate	7.082	43	4405	2.51	ug/l	#	94
38) Carbon Tetrachloride	7.911	117	7926	2.30	ug/l		97
39) Methylcyclohexane	9.191	83	9887	2.35	ug/l		92
40) Benzene	8.167	78	21783	2.38	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.319	41	2516m	2.32	ug/l		
42) 1,2-Dichloroethane	8.246	62	6910	2.47	ug/l		99
43) Isopropyl Acetate	8.283	43	7761	2.21	ug/l		96
44) Trichloroethene	8.941	130	6735	2.54	ug/l		91
45) 1,2-Dichloropropane	9.227	63	5075	2.22	ug/l		99
46) Dibromomethane	9.313	93	3103	2.37	ug/l		96
47) Bromodichloromethane	9.502	83	7474	2.29	ug/l	#	93
48) Methyl methacrylate	9.301	41	3694	2.21	ug/l		95
49) 1,4-Dioxane	9.301	88	775	46.53	ug/l	#	32
51) 4-Methyl-2-Pentanone	10.075	43	18834	10.57	ug/l		97
52) Toluene	10.246	92	14042	2.37	ug/l		93
53) t-1,3-Dichloropropene	10.471	75	7207	2.09	ug/l		94
54) cis-1,3-Dichloropropene	9.935	75	8705	2.25	ug/l		93
55) 1,1,2-Trichloroethane	10.648	97	4241	2.31	ug/l		93
56) Ethyl methacrylate	10.514	69	5444	2.12	ug/l	#	92
57) 1,3-Dichloropropane	10.794	76	7081	2.25	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.788	63	15765	13.81	ug/l		95
59) 2-Hexanone	10.837	43	12987	10.38	ug/l		98
60) Dibromochloromethane	10.989	129	5181	2.24	ug/l		99
61) 1,2-Dibromoethane	11.093	107	4166	2.33	ug/l		98
64) Tetrachloroethene	10.721	164	7578	2.72	ug/l		92
65) Chlorobenzene	11.520	112	15511	2.43	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.593	131	5552	2.32	ug/l		97
67) Ethyl Benzene	11.599	91	27013	2.30	ug/l		95
68) m/p-Xylenes	11.703	106	20874	4.67	ug/l		93
69) o-Xylene	12.032	106	10141	2.40	ug/l		91
70) Styrene	12.044	104	15994	2.21	ug/l		99
71) Bromoform	12.215	173	3276	2.29	ug/l	#	96
73) Isopropylbenzene	12.331	105	26964	2.34	ug/l		99
74) N-amyl acetate	12.148	43	7026	2.13	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.587	83	4203	2.10	ug/l		100
76) 1,2,3-Trichloropropane	12.635	75	3402m	2.14	ug/l		
77) Bromobenzene	12.611	156	6459	2.43	ug/l		97
78) n-propylbenzene	12.672	91	31082	2.29	ug/l		96
79) 2-Chlorotoluene	12.757	91	17180	2.25	ug/l		98
80) 1,3,5-Trimethylbenzene	12.812	105	22569	2.31	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.379	75	1828m	2.27	ug/l		
82) 4-Chlorotoluene	12.855	91	18505	2.29	ug/l		97
83) tert-Butylbenzene	13.080	119	19673	2.34	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	22658	2.32	ug/l		96
85) sec-Butylbenzene	13.257	105	26801	2.31	ug/l		98
86) p-Isopropyltoluene	13.373	119	25216	2.35	ug/l		98
87) 1,3-Dichlorobenzene	13.373	146	12383	2.41	ug/l		98
88) 1,4-Dichlorobenzene	13.446	146	13432	2.62	ug/l		87
89) n-Butylbenzene	13.696	91	23408	2.29	ug/l		99
90) Hexachloroethane	13.964	117	4173	2.16	ug/l		80
91) 1,2-Dichlorobenzene	13.739	146	11447	2.51	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	959	2.54	ug/l		100
93) 1,2,4-Trichlorobenzene	15.007	180	8328	2.69	ug/l		98
94) Hexachlorobutadiene	15.117	225	4708	2.72	ug/l		92
95) Naphthalene	15.239	128	17078	2.79	ug/l		98
96) 1,2,3-Trichlorobenzene	15.428	180	7414	2.85	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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