Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031821\
Data File : VD068655.D
Acq On : 18 Mar 2021 15:38
Operator : VA/SY
Sample : M1458-03
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2021

Quant Time: Mar 19 01:28:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 19 01:27:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	224016	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	380366	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	354840	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	192064	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	105759	47.25	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.50%				
35) Dibromofluoromethane	7.914	113	111414	48.62	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.24%				
50) Toluene-d8	10.344	98	424149	46.47	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.94%				
62) 4-Bromofluorobenzene	12.632	95	146858	49.93	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.86%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	9434	4.34	ug/l		96
3) Chloromethane	2.209	50	12696	4.62	ug/l		99
4) Vinyl Chloride	2.350	62	15420	4.73	ug/l		94
5) Bromomethane	2.768	94	12189	5.25	ug/l		88
6) Chloroethane	2.926	64	10104	4.79	ug/l	#	85
7) Trichlorofluoromethane	3.279	101	17433	4.68	ug/l		93
8) Diethyl Ether	3.709	74	4548	4.10	ug/l		95
9) 1,1,2-Trichlorotrifluo...	4.091	101	11039	4.87	ug/l		97
10) Methyl Iodide	4.291	142	8810	3.66	ug/l		94
11) Tert butyl alcohol	5.209	59	3170m	26.53	ug/l		
12) 1,1-Dichloroethene	4.073	96	10765	4.78	ug/l		88
13) Acrolein	3.932	56	2734	16.01	ug/l		90
14) Allyl chloride	4.715	41	12167	4.19	ug/l		94
15) Acrylonitrile	5.438	53	10247	21.91	ug/l	#	28
16) Acetone	4.162	43	8028	22.58	ug/l	#	87
17) Carbon Disulfide	4.420	76	33318	4.52	ug/l		100
18) Methyl Acetate	4.715	43	4627	5.05	ug/l	#	74
19) Methyl tert-butyl Ether	5.479	73	20557	4.21	ug/l	#	89
20) Methylene Chloride	4.973	84	34800	11.53	ug/l		96
21) trans-1,2-Dichloroethene	5.473	96	13576	5.05	ug/l		89
22) Diisopropyl ether	6.367	45	23293	3.64	ug/l	#	86
23) Vinyl Acetate	6.303	43	56631m	17.06	ug/l		
24) 1,1-Dichloroethane	6.273	63	20695	4.72	ug/l		98
25) 2-Butanone	7.220	43	10228	20.01	ug/l		90
26) 2,2-Dichloropropane	7.220	77	16237	4.45	ug/l		95
27) cis-1,2-Dichloroethene	7.220	96	12663	4.29	ug/l		97
28) Bromochloromethane	7.550	49	7355	4.30	ug/l	#	86
29) Tetrahydrofuran	7.561	42	6434	19.39	ug/l		98
30) Chloroform	7.714	83	22117	4.78	ug/l		93
31) Cyclohexane	7.979	56	20768	5.10	ug/l	#	86
32) 1,1,1-Trichloroethane	7.909	97	18560	4.70	ug/l		92
36) 1,1-Dichloropropene	8.120	75	15964	4.42	ug/l		95
37) Ethyl Acetate	7.297	43	4768	3.97	ug/l	#	88
38) Carbon Tetrachloride	8.103	117	15300	4.50	ug/l		95
39) Methylcyclohexane	9.355	83	18617	4.18	ug/l		94
40) Benzene	8.356	78	45490	4.39	ug/l		99

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41) Methacrylonitrile	7.526	41	2574m	3.70	ug/l		
42) 1,2-Dichloroethane	8.432	62	13140	4.82	ug/l		97
43) Isopropyl Acetate	8.456	43	9068	4.11	ug/l		91
44) Trichloroethene	9.120	130	13626	4.79	ug/l		96
45) 1,2-Dichloropropane	9.391	63	11571	4.67	ug/l		92
46) Dibromomethane	9.479	93	6377	4.73	ug/l		91
47) Bromodichloromethane	9.667	83	15500	4.44	ug/l		92
48) Methyl methacrylate	9.455	41	4331	3.69	ug/l	#	67
49) 1,4-Dioxane	9.467	88	1174	76.32	ug/l	#	83
51) 4-Methyl-2-Pentanone	10.232	43	22705	19.68	ug/l		97
52) Toluene	10.402	92	29851	4.51	ug/l		94
53) t-1,3-Dichloropropene	10.626	75	13935	4.32	ug/l		93
54) cis-1,3-Dichloropropene	10.091	75	16785	4.27	ug/l	#	88
55) 1,1,2-Trichloroethane	10.802	97	8811	4.72	ug/l		93
56) Ethyl methacrylate	10.661	69	8769	4.09	ug/l		96
57) 1,3-Dichloropropane	10.944	76	13970	4.29	ug/l		94
58) 2-Chloroethyl Vinyl ether	9.944	63	21697	20.16	ug/l		97
59) 2-Hexanone	10.985	43	15365	19.98	ug/l		91
60) Dibromochloromethane	11.150	129	10099	4.37	ug/l		94
61) 1,2-Dibromoethane	11.244	107	7679	4.20	ug/l		94
64) Tetrachloroethene	10.879	164	10891	4.70	ug/l	#	82
65) Chlorobenzene	11.673	112	32622	4.51	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.738	131	11967	4.76	ug/l		99
67) Ethyl Benzene	11.744	91	53536	4.15	ug/l		98
68) m/p-Xylenes	11.855	106	40892	8.35	ug/l		100
69) o-Xylene	12.179	106	18500	4.10	ug/l		94
70) Styrene	12.197	104	30720	3.98	ug/l		96
71) Bromoform	12.361	173	5839	4.58	ug/l	#	91
73) Isopropylbenzene	12.479	105	51159	3.59	ug/l		99
74) N-amyl acetate	12.285	43	7961	3.28	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.732	83	10241	4.18	ug/l		96
76) 1,2,3-Trichloropropane	12.779	75	6602m	3.87	ug/l		
77) Bromobenzene	12.761	156	14592	4.49	ug/l		95
78) n-propylbenzene	12.814	91	70751	4.16	ug/l		99
79) 2-Chlorotoluene	12.902	91	39276	4.16	ug/l		96
80) 1,3,5-Trimethylbenzene	12.955	105	44177	3.78	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.526	75	2621	3.59	ug/l		87
82) 4-Chlorotoluene	13.002	91	39500	3.97	ug/l		98
83) tert-Butylbenzene	13.220	119	38426	3.87	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	45093	3.86	ug/l		97
85) sec-Butylbenzene	13.396	105	53346	3.80	ug/l		99
86) p-Isopropyltoluene	13.514	119	50779	3.98	ug/l		97
87) 1,3-Dichlorobenzene	13.514	146	29005	4.62	ug/l		99
88) 1,4-Dichlorobenzene	13.596	146	28336	4.56	ug/l		92
89) n-Butylbenzene	13.843	91	48254	3.92	ug/l		99
90) Hexachloroethane	14.108	117	8958	3.54	ug/l		99
91) 1,2-Dichlorobenzene	13.885	146	23800	4.42	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.508	75	1682	3.89	ug/l		89
93) 1,2,4-Trichlorobenzene	15.155	180	17227	4.14	ug/l		98
94) Hexachlorobutadiene	15.261	225	8817	3.82	ug/l		94
95) Naphthalene	15.396	128	26456	3.51	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	14311	3.97	ug/l		98

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

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