Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090921\
Data File : VW020008.D
Acq On : 09 Sep 2021 18:02
Operator : SY/VA
Sample : M2940-03 4PPBMDL
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

Manual Integrations APPROVED
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9/10/2021 6:38:38 PM

Quant Time: Sep 10 04:10:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W090721S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 10 04:09:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.951	168	183680	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.847	114	301195	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.633	117	279889	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	136076	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.311	65	107231	50.288	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.580%				
35) Dibromofluoromethane	7.890	113	97810	49.450	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.900%				
50) Toluene-d8	10.329	98	358165	48.713	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.420%				
62) 4-Bromofluorobenzene	12.621	95	130329	47.906	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.820%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.013	85	3350	3.003	ug/l		94
3) Chloromethane	2.220	50	7026	4.231	ug/l		95
4) Vinyl Chloride	2.367	62	10606	3.939	ug/l		99
5) Bromomethane	2.787	94	8954	4.102	ug/l		97
6) Chloroethane	2.934	64	7097	3.827	ug/l		98
7) Trichlorofluoromethane	3.269	101	5462	3.546	ug/l		97
8) Diethyl Ether	3.678	74	3635	3.854	ug/l		96
9) 1,1,2-Trichlorotrifluo...	4.068	101	7986	3.971	ug/l		100
10) Methyl Iodide	4.281	142	10581	3.841	ug/l		99
11) Tert butyl alcohol	5.141	59	5444	53.340	ug/l	#	76
12) 1,1-Dichloroethene	4.049	96	7088	3.740	ug/l		97
13) Acrolein	3.903	56	1369	17.603	ug/l		98
14) Allyl chloride	4.677	41	9676	3.754	ug/l		97
15) Acrylonitrile	5.372	53	7581	19.287	ug/l		94
16) Acetone	4.129	43	9674	28.246	ug/l		93
17) Carbon Disulfide	4.397	76	21832	3.785	ug/l		98
18) Methyl Acetate	4.683	43	4725	4.860	ug/l		100
19) Methyl tert-butyl Ether	5.427	73	9480	3.791	ug/l	#	90
20) Methylene Chloride	4.921	84	19765	7.674	ug/l		99
21) trans-1,2-Dichloroethene	5.433	96	8462	3.931	ug/l		97
22) Diisopropyl ether	6.317	45	18479	3.383	ug/l	#	89
23) Vinyl Acetate	6.262	43	46877	15.732	ug/l		98
24) 1,1-Dichloroethane	6.220	63	15370	3.974	ug/l		99
25) 2-Butanone	7.177	43	10877	22.152	ug/l		94
26) 2,2-Dichloropropane	7.177	77	10525	4.500	ug/l		93
27) cis-1,2-Dichloroethene	7.177	96	8792	3.825	ug/l		89
28) Bromochloromethane	7.524	49	6019	3.921	ug/l	#	93
29) Tetrahydrofuran	7.530	42	5770	18.888	ug/l		97
30) Chloroform	7.677	83	15729	3.859	ug/l		94
31) Cyclohexane	7.963	56	16200	4.660	ug/l	#	87
32) 1,1,1-Trichloroethane	7.878	97	12995	3.940	ug/l		98
36) 1,1-Dichloropropene	8.091	75	11851	3.740	ug/l		98
37) Ethyl Acetate	7.256	43	5467	4.693	ug/l	#	77
38) Carbon Tetrachloride	8.073	117	12119	3.751	ug/l		96
39) Methylcyclohexane	9.341	83	12888	3.510	ug/l		95
40) Benzene	8.329	78	33820	3.875	ug/l		97

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41) Methacrylonitrile	7.488	41	2205	3.420	ug/l		94
42) 1,2-Dichloroethane	8.402	62	11066	4.129	ug/l		99
43) Isopropyl Acetate	8.433	43	8223	3.719	ug/l		99
44) Trichloroethene	9.091	130	9114	3.980	ug/l		91
45) 1,2-Dichloropropane	9.372	63	8197	3.862	ug/l		99
46) Dibromomethane	9.463	93	4558	3.807	ug/l		95
47) Bromodichloromethane	9.646	83	11150	3.738	ug/l		96
48) Methyl methacrylate	9.439	41	3451	3.568	ug/l		97
49) 1,4-Dioxane	9.451	88	1338	87.501	ug/l	#	89
51) 4-Methyl-2-Pentanone	10.213	43	22267	19.424	ug/l		99
52) Toluene	10.390	92	21150	3.828	ug/l		95
53) t-1,3-Dichloropropene	10.609	75	10289	3.596	ug/l		99
54) cis-1,3-Dichloropropene	10.079	75	11628	3.491	ug/l		94
55) 1,1,2-Trichloroethane	10.792	97	6478	3.993	ug/l		94
56) Ethyl methacrylate	10.646	69	6004	3.308	ug/l		98
57) 1,3-Dichloropropane	10.932	76	10850	3.898	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.926	63	13950	16.838	ug/l		98
59) 2-Hexanone	10.969	43	13580	17.726	ug/l		96
60) Dibromochloromethane	11.127	129	6872	3.659	ug/l		99
61) 1,2-Dibromoethane	11.237	107	5925	3.900	ug/l		97
64) Tetrachloroethene	10.859	164	7924	4.080	ug/l		92
65) Chlorobenzene	11.658	112	23628	3.928	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.731	131	7774	3.626	ug/l		99
67) Ethyl Benzene	11.731	91	38237	3.603	ug/l		97
68) m/p-Xylenes	11.841	106	28762	6.867	ug/l		94
69) o-Xylene	12.170	106	12687	3.306	ug/l		98
70) Styrene	12.182	104	20901	3.214	ug/l		97
71) Bromoform	12.347	173	3731	3.535	ug/l	#	91
73) Isopropylbenzene	12.469	105	33575	3.487	ug/l		98
74) N-amyl acetate	12.274	43	6656	3.368	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.719	83	8047	4.551	ug/l		95
76) 1,2,3-Trichloropropane	12.767	75	5215m	4.126	ug/l		
77) Bromobenzene	12.749	156	8490	3.801	ug/l		91
78) n-propylbenzene	12.804	91	45568	3.758	ug/l		97
79) 2-Chlorotoluene	12.895	91	26223	3.716	ug/l		98
80) 1,3,5-Trimethylbenzene	12.944	105	30294	3.570	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.517	75	1881m	3.602	ug/l		
82) 4-Chlorotoluene	12.993	91	28037	3.779	ug/l		99
83) tert-Butylbenzene	13.206	119	24382	3.430	ug/l		99
84) 1,2,4-Trimethylbenzene	13.249	105	28656	3.448	ug/l		99
85) sec-Butylbenzene	13.383	105	39266	3.638	ug/l		99
86) p-Isopropyltoluene	13.499	119	30337	3.338	ug/l		97
87) 1,3-Dichlorobenzene	13.499	146	18064	3.814	ug/l		99
88) 1,4-Dichlorobenzene	13.578	146	19461	4.141	ug/l		94
89) n-Butylbenzene	13.822	91	30813	3.539	ug/l		97
90) Hexachloroethane	14.090	117	6305	3.630	ug/l		93
91) 1,2-Dichlorobenzene	13.871	146	16359	3.977	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.487	75	1213	4.181	ug/l		94
93) 1,2,4-Trichlorobenzene	15.133	180	9833	3.921	ug/l		99
94) Hexachlorobutadiene	15.236	225	6129	4.115	ug/l		96
95) Naphthalene	15.364	128	15563	3.587	ug/l		98
96) 1,2,3-Trichlorobenzene	15.553	180	8659	3.939	ug/l		98

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

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