Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031721\
Data File : VW018356.D
Acq On : 17 Mar 2021 20:30
Operator : SY/VA
Sample : M1458-01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED
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3/18/2021 4:12:48 PM

Quant Time: Mar 18 03:32:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031721S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 18 03:32:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.946	168	375904	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.842	114	620168	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.634	117	564188	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	281920	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.305	65	206848	51.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.06%				
35) Dibromofluoromethane	7.885	113	177951	49.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.48%				
50) Toluene-d8	10.323	98	695310	48.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.76%				
62) 4-Bromofluorobenzene	12.615	95	262642	48.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.28%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.014	85	6716	2.51	ug/l		92
3) Chloromethane	2.221	50	11121	2.69	ug/l	#	88
4) Vinyl Chloride	2.361	62	7963	1.99	ug/l		100
5) Bromomethane	2.782	94	10263	3.15	ug/l		87
6) Chloroethane	2.934	64	8495	2.72	ug/l	#	87
7) Trichlorofluoromethane	3.263	101	6688	2.15	ug/l		97
8) Diethyl Ether	3.684	74	5574	2.97	ug/l		93
9) 1,1,2-Trichlorotrifluo...	4.068	101	9652	2.75	ug/l		96
10) Methyl Iodide	4.275	142	13581	2.63	ug/l		96
11) Tert butyl alcohol	5.172	59	4859	19.89	ug/l	#	82
12) 1,1-Dichloroethene	4.050	96	9337	2.58	ug/l	#	86
13) Acrolein	3.885	56	3369	18.06	ug/l		91
14) Allyl chloride	4.672	41	12519	2.54	ug/l		96
15) Acrylonitrile	5.373	53	11383	15.33	ug/l		95
16) Acetone	4.123	43	13361	22.27	ug/l		100
17) Carbon Disulfide	4.385	76	20758	2.19	ug/l	#	93
18) Methyl Acetate	4.684	43	6096	3.87	ug/l		95
19) Methyl tert-butyl Ether	5.428	73	16153	2.98	ug/l		95
20) Methylene Chloride	4.916	84	22974	5.04	ug/l		90
21) trans-1,2-Dichloroethene	5.422	96	11837	2.78	ug/l		98
22) Diisopropyl ether	6.312	45	28261	2.79	ug/l		92
23) Vinyl Acetate	6.257	43	85919	13.73	ug/l	#	90
24) 1,1-Dichloroethane	6.214	63	19075	2.63	ug/l	#	92
25) 2-Butanone	7.177	43	14805	16.65	ug/l		97
26) 2,2-Dichloropropane	7.165	77	12912	2.77	ug/l		95
27) cis-1,2-Dichloroethene	7.171	96	12545	2.71	ug/l		91
28) Bromochloromethane	7.513	49	8734	3.08	ug/l		85
29) Tetrahydrofuran	7.531	42	8795	15.24	ug/l		96
30) Chloroform	7.677	83	20871	2.73	ug/l		92
31) Cyclohexane	7.952	56	24929	3.63	ug/l	#	77
32) 1,1,1-Trichloroethane	7.872	97	16314	2.62	ug/l		96
36) 1,1-Dichloropropene	8.086	75	15875	2.59	ug/l		95
37) Ethyl Acetate	7.257	43	7507	3.50	ug/l		99
38) Carbon Tetrachloride	8.074	117	14181	2.48	ug/l	#	97
39) Methylcyclohexane	9.335	83	20139	2.60	ug/l		96
40) Benzene	8.323	78	44233	2.70	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.488	41	4335	3.74	ug/l	#	92
42) 1,2-Dichloroethane	8.403	62	15847	3.08	ug/l		98
43) Isopropyl Acetate	8.427	43	13194	3.07	ug/l		98
44) Trichloroethene	9.092	130	12220	2.77	ug/l		90
45) 1,2-Dichloropropane	9.366	63	10639	2.68	ug/l		91
46) Dibromomethane	9.464	93	6880	3.11	ug/l		92
47) Bromodichloromethane	9.646	83	15563	2.70	ug/l		98
48) Methyl methacrylate	9.433	41	5514	2.70	ug/l	#	79
49) 1,4-Dioxane	9.439	88	2208	68.75	ug/l		90
51) 4-Methyl-2-Pentanone	10.207	43	33312	15.86	ug/l		96
52) Toluene	10.384	92	29067	2.69	ug/l		98
53) t-1,3-Dichloropropene	10.604	75	15084	2.57	ug/l		99
54) cis-1,3-Dichloropropene	10.073	75	18014	2.69	ug/l		96
55) 1,1,2-Trichloroethane	10.786	97	8663	2.89	ug/l		94
56) Ethyl methacrylate	10.646	69	11371	2.92	ug/l	#	93
57) 1,3-Dichloropropane	10.933	76	15297	2.87	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.927	63	33292	16.84	ug/l		91
59) 2-Hexanone	10.969	43	24021	16.61	ug/l		91
60) Dibromochloromethane	11.128	129	9745	2.64	ug/l		98
61) 1,2-Dibromoethane	11.238	107	8062	2.74	ug/l		99
64) Tetrachloroethene	10.860	164	10089	2.80	ug/l		91
65) Chlorobenzene	11.658	112	30856	2.71	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.731	131	10470	2.60	ug/l		96
67) Ethyl Benzene	11.731	91	58626	2.72	ug/l		100
68) m/p-Xylenes	11.841	106	42252	5.17	ug/l		95
69) o-Xylene	12.164	106	20522	2.68	ug/l		97
70) Styrene	12.183	104	31162	2.44	ug/l		95
71) Bromoform	12.347	173	5204	2.54	ug/l	#	98
73) Isopropylbenzene	12.463	105	57045	2.69	ug/l		99
74) N-amyl acetate	12.274	43	11555	2.76	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.713	83	10600	3.06	ug/l		98
76) 1,2,3-Trichloropropane	12.768	75	5079m	1.96	ug/l		
77) Bromobenzene	12.749	156	12366	2.72	ug/l		98
78) n-propylbenzene	12.804	91	67014	2.65	ug/l		99
79) 2-Chlorotoluene	12.890	91	39630	2.73	ug/l		95
80) 1,3,5-Trimethylbenzene	12.945	105	48213	2.63	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.512	75	2950m	2.49	ug/l		
82) 4-Chlorotoluene	12.987	91	42927	2.81	ug/l		99
83) tert-Butylbenzene	13.207	119	38686	2.49	ug/l		96
84) 1,2,4-Trimethylbenzene	13.249	105	48297	2.63	ug/l		100
85) sec-Butylbenzene	13.384	105	57093	2.61	ug/l		99
86) p-Isopropyltoluene	13.493	119	49614	2.52	ug/l		96
87) 1,3-Dichlorobenzene	13.499	146	24486	2.67	ug/l		99
88) 1,4-Dichlorobenzene	13.579	146	25839	2.82	ug/l		84
89) n-Butylbenzene	13.822	91	51221	2.63	ug/l		100
90) Hexachloroethane	14.091	117	8947	2.48	ug/l		94
91) 1,2-Dichlorobenzene	13.871	146	21888	2.71	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.487	75	2317	3.61	ug/l		86
93) 1,2,4-Trichlorobenzene	15.127	180	17341	3.03	ug/l		89
94) Hexachlorobutadiene	15.231	225	7766	2.40	ug/l		81
95) Naphthalene	15.359	128	33754	3.20	ug/l		99
96) 1,2,3-Trichlorobenzene	15.554	180	15058	3.16	ug/l		93

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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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