Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031821\
Data File : VW018365.D
Acq On : 18 Mar 2021 12:13
Operator : SY/VA
Sample : M1458-03
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED
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3/19/2021 3:32:45 PM

Quant Time: Mar 18 18:28:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031721S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 18 18:28:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.945	168	352530	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.836	114	589642	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.628	117	527594	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	254663	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.305	65	178922	47.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.06%				
35) Dibromofluoromethane	7.884	113	159004	46.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.54%				
50) Toluene-d8	10.323	98	653206	47.80	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.60%				
62) 4-Bromofluorobenzene	12.615	95	237870	45.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.014	85	6043	2.41	ug/l		99
3) Chloromethane	2.209	50	11674	3.01	ug/l		98
4) Vinyl Chloride	2.355	62	10768	2.87	ug/l		97
5) Bromomethane	2.782	94	9892	3.23	ug/l		98
6) Chloroethane	2.922	64	8819	3.01	ug/l		94
7) Trichlorofluoromethane	3.245	101	7186	2.47	ug/l		95
8) Diethyl Ether	3.678	74	4682	2.66	ug/l		85
9) 1,1,2-Trichlorotrifluo...	4.062	101	9464	2.87	ug/l		90
10) Methyl Iodide	4.269	142	12811	2.65	ug/l		96
12) 1,1-Dichloroethene	4.032	96	9765	2.88	ug/l		95
13) Acrolein	3.916	56	2637	15.07	ug/l	#	77
14) Allyl chloride	4.672	41	12418	2.69	ug/l		97
15) Acrylonitrile	5.397	53	8091	11.62	ug/l		94
16) Acetone	4.190	43	9202	16.35	ug/l		89
17) Carbon Disulfide	4.373	76	23146	2.60	ug/l		95
18) Methyl Acetate	4.684	43	3972	2.69	ug/l		89
19) Methyl tert-butyl Ether	5.415	73	12928m	2.54	ug/l		
20) Methylene Chloride	4.909	84	25099	5.87	ug/l		95
21) trans-1,2-Dichloroethene	5.415	96	10607	2.66	ug/l		89
22) Diisopropyl ether	6.312	45	25604	2.70	ug/l	#	88
23) Vinyl Acetate	6.257	43	69072	11.77	ug/l		98
24) 1,1-Dichloroethane	6.214	63	18514	2.72	ug/l		96
25) 2-Butanone	7.202	43	15573m	18.68	ug/l		
26) 2,2-Dichloropropane	7.165	77	12255	2.80	ug/l		95
27) cis-1,2-Dichloroethene	7.165	96	11792	2.71	ug/l		93
28) Bromochloromethane	7.507	49	7584	2.85	ug/l		85
29) Tetrahydrofuran	7.555	42	6716	12.41	ug/l	#	89
30) Chloroform	7.671	83	19746	2.75	ug/l		96
31) Cyclohexane	7.952	56	25425	3.94	ug/l	#	74
32) 1,1,1-Trichloroethane	7.872	97	16098	2.76	ug/l		97
36) 1,1-Dichloropropene	8.073	75	16091	2.76	ug/l		98
37) Ethyl Acetate	7.257	43	6474m	3.18	ug/l		
38) Carbon Tetrachloride	8.061	117	14665	2.69	ug/l	#	89
39) Methylcyclohexane	9.335	83	19716	2.67	ug/l		95
40) Benzene	8.323	78	41017	2.63	ug/l		98
41) Methacrylonitrile	7.482	41	2888	2.62	ug/l		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 1,2-Dichloroethane	8.397	62	12656	2.58	ug/l		95
43) Isopropyl Acetate	8.427	43	9782	2.39	ug/l	#	56
44) Trichloroethene	9.085	130	10713	2.55	ug/l		95
45) 1,2-Dichloropropane	9.366	63	9962	2.64	ug/l		93
46) Dibromomethane	9.463	93	5394	2.56	ug/l		96
47) Bromodichloromethane	9.640	83	13945	2.55	ug/l		97
48) Methyl methacrylate	9.445	41	4325	2.23	ug/l	#	87
49) 1,4-Dioxane	9.524	88	1517m	49.68	ug/l		
51) 4-Methyl-2-Pentanone	10.207	43	22520	11.28	ug/l		97
52) Toluene	10.390	92	26635	2.59	ug/l		90
53) t-1,3-Dichloropropene	10.610	75	12840	2.30	ug/l		99
54) cis-1,3-Dichloropropene	10.073	75	15924	2.50	ug/l		98
55) 1,1,2-Trichloroethane	10.786	97	7196	2.53	ug/l		91
56) Ethyl methacrylate	10.646	69	8509	2.30	ug/l	#	87
57) 1,3-Dichloropropane	10.933	76	13080	2.58	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.927	63	26892	14.31	ug/l		96
59) 2-Hexanone	10.969	43	14772	10.74	ug/l		96
60) Dibromochloromethane	11.128	129	7780	2.22	ug/l		99
61) 1,2-Dibromoethane	11.238	107	7116	2.54	ug/l		97
64) Tetrachloroethene	10.866	164	9492	2.82	ug/l	#	77
65) Chlorobenzene	11.658	112	28440	2.67	ug/l		93
66) 1,1,1,2-Tetrachloroethane	11.725	131	9869	2.62	ug/l		99
67) Ethyl Benzene	11.731	91	53503	2.65	ug/l		98
68) m/p-Xylenes	11.835	106	41521	5.43	ug/l		99
69) o-Xylene	12.164	106	17760	2.48	ug/l		97
70) Styrene	12.176	104	29770	2.49	ug/l		97
71) Bromoform	12.347	173	3797	1.98	ug/l	#	95
73) Isopropylbenzene	12.463	105	53020	2.76	ug/l		99
74) N-amyl acetate	12.274	43	9293	2.46	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.713	83	8436	2.70	ug/l		98
76) 1,2,3-Trichloropropane	12.768	75	6567m	2.80	ug/l		
77) Bromobenzene	12.743	156	11706	2.85	ug/l		94
78) n-propylbenzene	12.804	91	63377	2.77	ug/l		100
79) 2-Chlorotoluene	12.890	91	35544	2.71	ug/l		93
80) 1,3,5-Trimethylbenzene	12.938	105	44389	2.68	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.506	75	2489m	2.33	ug/l		
82) 4-Chlorotoluene	12.987	91	39237	2.84	ug/l		97
83) tert-Butylbenzene	13.201	119	37715	2.69	ug/l		96
84) 1,2,4-Trimethylbenzene	13.249	105	45725	2.76	ug/l		99
85) sec-Butylbenzene	13.377	105	54736	2.77	ug/l		99
86) p-Isopropyltoluene	13.493	119	46940	2.64	ug/l		97
87) 1,3-Dichlorobenzene	13.499	146	23005	2.78	ug/l		98
88) 1,4-Dichlorobenzene	13.572	146	22949	2.78	ug/l		83
89) n-Butylbenzene	13.822	91	48136	2.73	ug/l		99
90) Hexachloroethane	14.091	117	8456	2.59	ug/l		100
91) 1,2-Dichlorobenzene	13.871	146	20166	2.76	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	1483	2.56	ug/l		91
93) 1,2,4-Trichlorobenzene	15.133	180	14519	2.81	ug/l		97
94) Hexachlorobutadiene	15.237	225	8161	2.79	ug/l		88
95) Naphthalene	15.365	128	26292	2.76	ug/l		98
96) 1,2,3-Trichlorobenzene	15.548	180	12813	2.98	ug/l		94

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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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