Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031821\
Data File : VW018366.D
Acq On : 18 Mar 2021 12:37
Operator : SY/VA
Sample : M1458-03
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
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Quant Time: Mar 18 18:29:33 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	343927	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.842	114	577718	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.628	117	529418	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	253867	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.305	65	191707	52.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.40%				
35) Dibromofluoromethane	7.884	113	163076	48.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.88%				
50) Toluene-d8	10.323	98	671271	50.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.28%				
62) 4-Bromofluorobenzene	12.615	95	248416	48.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.76%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.020	85	9180	3.75	ug/l		93
3) Chloromethane	2.215	50	14296	3.78	ug/l		99
4) Vinyl Chloride	2.367	62	17837	4.88	ug/l		90
5) Bromomethane	2.782	94	16544	5.54	ug/l		100
6) Chloroethane	2.934	64	13412	4.69	ug/l	#	83
7) Trichlorofluoromethane	3.263	101	10321	3.63	ug/l		96
8) Diethyl Ether	3.678	74	7147	4.17	ug/l		80
9) 1,1,2-Trichlorotrifluo...	4.062	101	13783	4.29	ug/l	#	73
10) Methyl Iodide	4.275	142	20742	4.39	ug/l	#	93
11) Tert butyl alcohol	5.171	59	4653	20.82	ug/l		96
12) 1,1-Dichloroethene	4.050	96	15063m	4.56	ug/l		
13) Acrolein	3.891	56	3677	21.54	ug/l		96
14) Allyl chloride	4.665	41	19017	4.22	ug/l		92
15) Acrylonitrile	5.367	53	14401	21.20	ug/l		98
16) Acetone	4.123	43	13463	24.52	ug/l		99
17) Carbon Disulfide	4.385	76	36385	4.19	ug/l		97
18) Methyl Acetate	4.672	43	7234	5.02	ug/l		94
19) Methyl tert-butyl Ether	5.428	73	21252	4.28	ug/l		97
20) Methylene Chloride	4.915	84	32332	7.75	ug/l		97
21) trans-1,2-Dichloroethene	5.421	96	16621	4.27	ug/l		88
22) Diisopropyl ether	6.311	45	40821	4.41	ug/l	#	91
23) Vinyl Acetate	6.251	43	118082	20.63	ug/l		97
24) 1,1-Dichloroethane	6.214	63	28691	4.32	ug/l		95
25) 2-Butanone	7.171	43	17087	21.01	ug/l		90
26) 2,2-Dichloropropane	7.171	77	19033	4.46	ug/l		98
27) cis-1,2-Dichloroethene	7.165	96	18567	4.38	ug/l		96
28) Bromochloromethane	7.519	49	10892	4.20	ug/l	#	6
29) Tetrahydrofuran	7.531	42	12230	23.17	ug/l		90
30) Chloroform	7.677	83	30404	4.35	ug/l		95
31) Cyclohexane	7.958	56	32927	5.24	ug/l	#	82
32) 1,1,1-Trichloroethane	7.872	97	24612	4.33	ug/l		97
36) 1,1-Dichloropropene	8.086	75	24417	4.28	ug/l		99
37) Ethyl Acetate	7.256	43	8169	4.09	ug/l	#	92
38) Carbon Tetrachloride	8.067	117	22625	4.24	ug/l		96
39) Methylcyclohexane	9.335	83	31098	4.30	ug/l		96
40) Benzene	8.323	78	65156	4.26	ug/l		100

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41) Methacrylonitrile	7.488	41	4464	4.13	ug/l	#	87
42) 1,2-Dichloroethane	8.403	62	20610	4.29	ug/l		99
43) Isopropyl Acetate	8.421	43	16040	4.00	ug/l		99
44) Trichloroethene	9.091	130	17461	4.24	ug/l		87
45) 1,2-Dichloropropane	9.372	63	15349	4.16	ug/l		98
46) Dibromomethane	9.463	93	8804	4.27	ug/l		98
47) Bromodichloromethane	9.646	83	21727	4.05	ug/l		95
48) Methyl methacrylate	9.433	41	8122	4.27	ug/l		95
49) 1,4-Dioxane	9.445	88	2427	81.12	ug/l	#	82
51) 4-Methyl-2-Pentanone	10.207	43	39801	20.34	ug/l		97
52) Toluene	10.390	92	43786	4.34	ug/l		100
53) t-1,3-Dichloropropene	10.603	75	21656	3.96	ug/l		92
54) cis-1,3-Dichloropropene	10.073	75	25048	4.02	ug/l	#	88
55) 1,1,2-Trichloroethane	10.786	97	12314	4.41	ug/l		91
56) Ethyl methacrylate	10.646	69	14093	3.88	ug/l		89
57) 1,3-Dichloropropane	10.933	76	21468	4.32	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.927	63	35718	19.40	ug/l		95
59) 2-Hexanone	10.969	43	26941	20.00	ug/l		96
60) Dibromochloromethane	11.128	129	13028	3.79	ug/l		98
61) 1,2-Dibromoethane	11.237	107	11623	4.24	ug/l		98
64) Tetrachloroethene	10.866	164	14288	4.23	ug/l		87
65) Chlorobenzene	11.658	112	44262	4.14	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.731	131	14489	3.84	ug/l		97
67) Ethyl Benzene	11.731	91	85394	4.22	ug/l		97
68) m/p-Xylenes	11.841	106	62882	8.19	ug/l		100
69) o-Xylene	12.164	106	28776	4.01	ug/l		100
70) Styrene	12.182	104	47344	3.94	ug/l		98
71) Bromoform	12.347	173	6837	3.55	ug/l	#	97
73) Isopropylbenzene	12.463	105	82627	4.32	ug/l		99
74) N-amyl acetate	12.268	43	16153	4.29	ug/l		91
75) 1,1,2,2-Tetrachloroethane	12.713	83	13419	4.30	ug/l		99
76) 1,2,3-Trichloropropane	12.762	75	9035m	3.87	ug/l		
77) Bromobenzene	12.743	156	17296	4.22	ug/l		93
78) n-propylbenzene	12.804	91	99234	4.35	ug/l		98
79) 2-Chlorotoluene	12.890	91	55057	4.22	ug/l		92
80) 1,3,5-Trimethylbenzene	12.944	105	70722	4.29	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.512	75	3741m	3.51	ug/l		
82) 4-Chlorotoluene	12.987	91	60540	4.40	ug/l		99
83) tert-Butylbenzene	13.207	119	59122	4.23	ug/l		97
84) 1,2,4-Trimethylbenzene	13.249	105	70363	4.26	ug/l		100
85) sec-Butylbenzene	13.383	105	84516	4.29	ug/l		100
86) p-Isopropyltoluene	13.493	119	75254	4.25	ug/l		98
87) 1,3-Dichlorobenzene	13.499	146	34525	4.18	ug/l		99
88) 1,4-Dichlorobenzene	13.578	146	34678	4.21	ug/l		88
89) n-Butylbenzene	13.822	91	75025	4.27	ug/l		98
90) Hexachloroethane	14.091	117	13042	4.01	ug/l		96
91) 1,2-Dichlorobenzene	13.871	146	30210	4.15	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2186	3.78	ug/l		92
93) 1,2,4-Trichlorobenzene	15.127	180	22290	4.33	ug/l		94
94) Hexachlorobutadiene	15.231	225	12437	4.26	ug/l		87
95) Naphthalene	15.365	128	40949	4.31	ug/l		100
96) 1,2,3-Trichlorobenzene	15.554	180	19218	4.48	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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