Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011619\
Data File : VF061430.D
Acq On : 17 Jan 2019 00:00
Operator : VA/AP
Sample : K1157-08
Misc : 5.07g/5mL/MSVOA-F/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : WC-04-011519

Quant Time: Jan 17 03:00:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	1464	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	1789	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	170	9.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 18.82%			
35) Dibromofluoromethane	4.08	113	327	23.16	ug/l	-0.03
Spiked Amount 50.000			Recovery = 46.32%			
50) Toluene-d8	7.54	98	1441	37.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 74.52%			
62) 4-Bromofluorobenzene	11.40	95	221	12.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 24.46%			
Target Compounds						Qvalue
3) Chloromethane	1.10	50	223	10.573	ug/l #	44
5) Bromomethane	1.28	94	227	18.554	ug/l #	2
6) Chloroethane	1.45	64	71	8.540	ug/l #	3
8) Diethyl Ether	1.60	74	91	19.471	ug/l	49
10) Methyl Iodide	1.78	142	86	3.165	ug/l #	27
12) 1,1-Dichloroethene	1.77	96	121	9.293	ug/l #	1
13) Acrolein	1.98	56	137	209.633	ug/l #	27
14) Allyl chloride	2.09	41	402	26.964	ug/l #	53
15) Acrylonitrile	2.92	53	162	82.663	ug/l #	27
16) Acetone	2.22	43	1266	349.140	ug/l #	61
17) Carbon Disulfide	1.78	76	108	2.660	ug/l #	69
18) Methyl Acetate	2.31	43	423	58.823	ug/l #	61
19) Methyl tert-butyl Ether	2.47	73	97	3.323	ug/l #	1
20) Methylene Chloride	2.14	84	63	3.483	ug/l #	1
21) trans-1,2-Dichloroethene	2.30	96	77	5.375	ug/l #	1
22) Diisopropyl ether	2.79	45	352	7.597	ug/l #	52
23) Vinyl Acetate	3.18	43	492	27.025	ug/l #	78
24) 1,1-Dichloroethane	2.86	63	153	5.261	ug/l #	85
25) 2-Butanone	4.34	43	250	41.460	ug/l #	57
26) 2,2-Dichloropropane	3.66	77	60	3.358	ug/l #	61
27) cis-1,2-Dichloroethene	3.45	96	94	4.445	ug/l	1
28) Bromochloromethane	3.74	49	87	6.655	ug/l #	8
29) Tetrahydrofuran	4.05	42	166	63.933	ug/l #	38
31) Cyclohexane	3.69	56	63	2.169	ug/l #	13
32) 1,1,1-Trichloroethane	4.11	97	65	2.259	ug/l #	22
37) Ethyl Acetate	4.11	43	163	19.659	ug/l #	5
41) Methacrylonitrile	4.71	41	207	46.918	ug/l #	29
43) Isopropyl Acetate	6.94	43	266	25.561	ug/l #	51
46) Dibromomethane	6.09	93	89	11.049	ug/l #	6
47) Bromodichloromethane	6.49	83	69	3.462	ug/l #	24
48) Methyl methacrylate	6.74	41	147	21.036	ug/l #	19
49) 1,4-Dioxane	7.11	88	61	1269.239	ug/l #	23
51) 4-Methyl-2-Pentanone	8.21	43	172	22.483	ug/l #	39
52) Toluene	7.72	92	66	2.171	ug/l #	1

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) t-1,3-Dichloropropene	8.36	75	61	3.855	ug/l	#	44
56) Ethyl methacrylate	8.65	69	60	5.975	ug/l	#	21
59) 2-Hexanone	9.48	43	95	17.808	ug/l	#	26
60) Dibromochloromethane	8.75	129	83	6.578	ug/l	#	10
61) 1,2-Dibromoethane	8.99	107	75	7.590	ug/l	#	5

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

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