Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121218\
Data File : VF061003.D
Acq On : 12 Dec 2018 18:45
Operator : VA/AP
Sample : J6194-05RE
Misc : 6.17g/5mL/MSVOA-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : OK-03-121118RE

Quant Time: Dec 13 01:26:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	5548	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	6244	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.77	117	3484	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	918	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	1042	15.94	ug/l	-0.02
Spiked Amount 50.000			Recovery = 31.88%			
35) Dibromofluoromethane	4.11	113	1357	27.39	ug/l	-0.04
Spiked Amount 50.000			Recovery = 54.78%			
50) Toluene-d8	7.56	98	5481	37.56	ug/l	-0.03
Spiked Amount 50.000			Recovery = 75.12%			
62) 4-Bromofluorobenzene	11.41	95	1288	19.42	ug/l	-0.02
Spiked Amount 50.000			Recovery = 38.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.94	85	105	1.266	ug/l #	41
3) Chloromethane	1.08	50	536	9.930	ug/l #	41
4) Vinyl Chloride	1.13	62	137	2.721	ug/l #	42
5) Bromomethane	1.36	94	668	18.815	ug/l #	37
6) Chloroethane	1.43	64	96	4.411	ug/l #	1
8) Diethyl Ether	1.66	74	80	5.150	ug/l	64
11) Tert butyl alcohol	2.45	59	67	25.008	ug/l #	62
12) 1,1-Dichloroethene	1.79	96	167	3.802	ug/l #	1
13) Acrolein	2.14	56	231	91.002	ug/l	85
14) Allyl chloride	2.10	41	1088	19.871	ug/l #	46
15) Acrylonitrile	2.93	53	863	143.679	ug/l #	35
16) Acetone	2.07	43	404	33.521	ug/l	100
18) Methyl Acetate	2.32	43	610	29.491	ug/l #	61
19) Methyl tert-butyl Ether	2.43	73	307	3.103	ug/l #	1
20) Methylene Chloride	2.24	84	155	3.506	ug/l #	2
21) trans-1,2-Dichloroethene	2.34	96	138	3.258	ug/l #	1
22) Diisopropyl ether	2.78	45	320	2.147	ug/l #	39
23) Vinyl Acetate	3.20	43	459	6.737	ug/l #	80
25) 2-Butanone	4.37	43	258	12.376	ug/l #	57
26) 2,2-Dichloropropane	3.69	77	63	1.096	ug/l #	60
29) Tetrahydrofuran	4.10	42	209	23.652	ug/l #	37
36) 1,1-Dichloropropene	4.24	75	123	1.776	ug/l #	44
37) Ethyl Acetate	4.13	43	209	7.426	ug/l #	14
41) Methacrylonitrile	4.73	41	313	19.081	ug/l #	23
43) Isopropyl Acetate	6.92	43	300	6.260	ug/l #	49
44) Trichloroethene	5.38	130	61	1.219	ug/l	1
48) Methyl methacrylate	6.70	41	379	14.877	ug/l #	43
49) 1,4-Dioxane	6.92	88	115	616.804	ug/l #	1
51) 4-Methyl-2-Pentanone	8.22	43	380	14.642	ug/l #	38
55) 1,1,2-Trichloroethane	8.41	97	72	2.299	ug/l #	15
56) Ethyl methacrylate	8.51	69	62	1.782	ug/l #	1
59) 2-Hexanone	9.46	43	390	21.419	ug/l #	27
74) N-amyl acetate	11.40	43	630	37.608	ug/l #	49
76) 1,2,3-Trichloropropane	11.66	75	64	7.375	ug/l #	1

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78) n-propylbenzene	11.63	91	113	1.330 ug/l #	56
79) 2-Chlorotoluene	11.63	91	113	2.320 ug/l #	43
80) 1,3,5-Trimethylbenzene	11.73	105	66	1.121 ug/l #	26
82) 4-Chlorotoluene	11.90	91	59	1.151 ug/l #	45
83) tert-Butylbenzene	12.05	119	92	1.534 ug/l #	45
84) 1,2,4-Trimethylbenzene	12.25	105	68	1.157 ug/l #	29
89) n-Butylbenzene	12.85	91	75	1.077 ug/l #	27
90) Hexachloroethane	13.09	117	91	5.489 ug/l #	25

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

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