Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF011119\
Data File : VF061370.D
Acq On : 11 Jan 2019 16:11
Operator : VA/AP
Sample : K1119-07
Misc : 5.51g/5mL/MSVOA-F/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : DS-D

Quant Time: Jan 12 03:33:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	9359	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.58	114	13186	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	8756	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	2843	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	2435	23.38	ug/l	-0.02
Spiked Amount 50.000			Recovery = 46.76%			
35) Dibromofluoromethane	4.09	113	2837	28.12	ug/l	-0.02
Spiked Amount 50.000			Recovery = 56.24%			
50) Toluene-d8	7.53	98	16573	55.51	ug/l	-0.03
Spiked Amount 50.000			Recovery = 111.02%			
62) 4-Bromofluorobenzene	11.40	95	3936	30.19	ug/l	-0.01
Spiked Amount 50.000			Recovery = 60.38%			
Target Compounds						Qvalue
5) Bromomethane	1.27	94	93	3.642	ug/l #	6
6) Chloroethane	1.30	64	86	1.282	ug/l #	45
8) Diethyl Ether	1.72	74	146	4.269	ug/l	54
11) Tert butyl alcohol	2.46	59	81	19.421	ug/l #	58
13) Acrolein	1.89	56	404	74.170	ug/l	88
14) Allyl chloride	2.07	41	498	2.770	ug/l #	9
15) Acrylonitrile	2.93	53	60	4.058	ug/l #	1
16) Acetone	2.25	43	542	22.366	ug/l	97
18) Methyl Acetate	2.32	43	507	10.634	ug/l #	65
20) Methylene Chloride	2.19	84	327	3.190	ug/l #	69
22) Diisopropyl ether	2.77	45	441	1.268	ug/l #	39
23) Vinyl Acetate	3.18	43	465	4.572	ug/l #	77
25) 2-Butanone	4.29	43	270	6.923	ug/l #	56
29) Tetrahydrofuran	4.06	42	164	10.057	ug/l #	36
37) Ethyl Acetate	4.04	43	347	6.188	ug/l #	1
39) Methylcyclohexane	5.45	83	214	1.111	ug/l #	79
41) Methacrylonitrile	4.72	41	281	8.974	ug/l #	24
42) 1,2-Dichloroethane	4.86	62	148	1.322	ug/l #	1
43) Isopropyl Acetate	6.91	43	166	2.242	ug/l #	45
48) Methyl methacrylate	6.71	41	204	4.245	ug/l #	21
51) 4-Methyl-2-Pentanone	8.23	43	165	2.953	ug/l #	38
52) Toluene	7.60	92	1175	5.085	ug/l	87
55) 1,1,2-Trichloroethane	8.33	97	101	1.562	ug/l #	15
56) Ethyl methacrylate	8.59	69	155	2.145	ug/l #	42
58) 2-Chloroethyl Vinyl ether	7.32	63	71	23.055	ug/l #	56
59) 2-Hexanone	9.46	43	129	3.259	ug/l #	27
67) Ethyl Benzene	9.89	91	960	2.816	ug/l #	48
68) m/p-Xylenes	10.11	106	1022	8.594	ug/l	79
69) o-Xylene	10.70	106	352	2.650	ug/l	60
73) Isopropylbenzene	11.10	105	395	1.579	ug/l #	49
74) N-amyl acetate	11.35	43	198	3.482	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	11.66	83	176	4.437	ug/l #	21
78) n-propylbenzene	11.58	91	1345	4.509	ug/l #	55
79) 2-Chlorotoluene	11.70	91	764	4.597	ug/l #	41

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Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) 1,3,5-Trimethylbenzene	11.81	105	1748	8.781	ug/l		91
83) tert-Butylbenzene	12.20	119	533	2.688	ug/l	#	41
84) 1,2,4-Trimethylbenzene	12.19	105	4907	24.829	ug/l		93
85) sec-Butylbenzene	12.30	105	1298	4.597	ug/l		97
86) p-Isopropyltoluene	12.42	119	1172	5.103	ug/l		97
89) n-Butylbenzene	12.84	91	1465	6.208	ug/l	#	63
90) Hexachloroethane	13.00	117	62	1.180	ug/l	#	23

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

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