

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031419\
 Data File : VF061946.D
 Acq On : 14 Mar 2019 18:47
 Operator : VA/AP
 Sample : K1905-07
 Misc : 5.81g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RT-3483

Quant Time: Mar 15 01:18:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	20365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	25402	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	15365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	5461	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	3921	26.44	ug/l	0.00
Spiked Amount			Recovery	=	52.88%	
35) Dibromofluoromethane	4.11	113	8164	46.05	ug/l	0.00
Spiked Amount			Recovery	=	92.10%	
50) Toluene-d8	7.55	98	26159	49.65	ug/l	-0.02
Spiked Amount			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.41	95	6720	32.56	ug/l	0.00
Spiked Amount			Recovery	=	65.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.30	94	634	4.044	ug/l #	40
6) Chloroethane	1.50	64	131	1.198	ug/l #	1
8) Diethyl Ether	1.58	74	180	2.818	ug/l	58
11) Tert butyl alcohol	2.44	59	83	9.860	ug/l #	1
13) Acrolein	1.97	56	579	54.283	ug/l	91
14) Allyl chloride	2.12	41	683	3.560	ug/l #	71
15) Acrylonitrile	2.91	53	532	19.847	ug/l #	1
16) Acetone	2.22	43	1069	34.411	ug/l	97
18) Methyl Acetate	2.35	43	734	6.411	ug/l #	62
20) Methylene Chloride	2.19	84	1114	1.329	ug/l #	62
22) Diisopropyl ether	2.78	45	1023	2.050	ug/l #	51
23) Vinyl Acetate	3.20	43	568	2.547	ug/l #	76
25) 2-Butanone	4.31	43	306	4.842	ug/l #	56
29) Tetrahydrofuran	4.09	42	124	4.550	ug/l #	33
37) Ethyl Acetate	4.08	43	456	4.528	ug/l #	20
41) Methacrylonitrile	4.72	41	423	7.666	ug/l #	24
43) Isopropyl Acetate	6.92	43	303	2.441	ug/l #	42
48) Methyl methacrylate	6.67	41	160	2.036	ug/l #	23
51) 4-Methyl-2-Pentanone	8.25	43	298	3.473	ug/l #	35
52) Toluene	7.61	92	2869	7.732	ug/l #	47
56) Ethyl methacrylate	8.61	69	140	1.162	ug/l #	1
59) 2-Hexanone	9.46	43	135	2.181	ug/l #	22
67) Ethyl Benzene	9.90	91	509	1.040	ug/l #	88
68) m/p-Xylenes	10.12	106	470	2.508	ug/l #	71
74) N-amyl acetate	11.40	43	229	2.646	ug/l #	6
76) 1,2,3-Trichloropropane	11.79	75	74	1.735	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.79	75	74	3.795	ug/l #	18

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

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