

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011019\
 Data File : VF061344.D
 Acq On : 10 Jan 2019 15:19
 Operator : VA/AP
 Sample : K1006-11RE
 Misc : 8.50g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-03-010819-FRE

Quant Time: Jan 11 00:31:04 2019
 Quant Method : Z:\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	4.89	168	7008	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	10474	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	7677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	2047	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.86	65	1575	20.19	ug/l	0.00
Spiked Amount			Recovery	=	40.38%	
35) Dibromofluoromethane	4.12	113	2586	32.27	ug/l	0.00
Spiked Amount			Recovery	=	64.54%	
50) Toluene-d8	7.56	98	9959	41.99	ug/l	0.00
Spiked Amount			Recovery	=	83.98%	
62) 4-Bromofluorobenzene	11.43	95	2876	27.77	ug/l	0.01
Spiked Amount			Recovery	=	55.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.10	50	137	1.189	ug/l #	40
5) Bromomethane	1.29	94	379	6.904	ug/l #	6
6) Chloroethane	1.37	64	66	1.314	ug/l #	45
8) Diethyl Ether	1.77	74	98	3.826	ug/l #	50
10) Methyl Iodide	1.77	142	147	1.019	ug/l #	32
12) 1,1-Dichloroethene	1.70	96	104	1.412	ug/l #	1
13) Acrolein	2.03	56	172	32.181	ug/l #	12
14) Allyl chloride	2.09	41	229	1.701	ug/l #	56
15) Acrylonitrile	2.97	53	183	16.529	ug/l #	12
16) Acetone	2.25	43	1130	62.275	ug/l #	55
18) Methyl Acetate	2.32	43	371	10.392	ug/l #	65
20) Methylene Chloride	2.19	84	248	3.231	ug/l #	39
22) Diisopropyl ether	2.82	45	985	3.782	ug/l #	1
23) Vinyl Acetate	3.23	43	440	5.777	ug/l #	77
25) 2-Butanone	4.30	43	298	10.204	ug/l #	56
29) Tetrahydrofuran	4.08	42	80	6.552	ug/l #	36
37) Ethyl Acetate	4.07	43	229	5.141	ug/l #	1
41) Methacrylonitrile	4.73	41	140	5.629	ug/l #	43
43) Isopropyl Acetate	7.02	43	97	1.650	ug/l #	45
48) Methyl methacrylate	6.72	41	67	1.755	ug/l #	21
51) 4-Methyl-2-Pentanone	8.28	43	307	6.917	ug/l #	38
56) Ethyl methacrylate	8.65	69	75	1.307	ug/l #	20
58) 2-Chloroethyl Vinyl ether	7.32	63	60	24.528	ug/l #	56
59) 2-Hexanone	9.50	43	167	5.311	ug/l #	27
66) 1,1,1,2-Tetrachloroethane	10.09	131	72	1.138	ug/l #	7
74) N-amyl acetate	11.36	43	140	3.419	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	11.67	83	62	2.171	ug/l #	25
80) 1,3,5-Trimethylbenzene	11.83	105	256	1.786	ug/l #	27
81) trans-1,4-Dichloro-2-buten	11.98	75	78	8.521	ug/l #	17
84) 1,2,4-Trimethylbenzene	12.21	105	681	4.786	ug/l	97

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

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