

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031319\
 Data File : VF061931.D
 Acq On : 13 Mar 2019 16:56
 Operator : VA/AP
 Sample : K1870-09
 Misc : 3.20g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-3

Quant Time: Mar 14 01:17:07 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	4.85	168	13820	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	16838	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	11392	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	3542	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	2627	26.10	ug/l	-0.02
Spiked Amount			Recovery	=	52.20%	
35) Dibromofluoromethane	4.10	113	5403	45.98	ug/l	-0.02
Spiked Amount			Recovery	=	91.96%	
50) Toluene-d8	7.53	98	17961	51.42	ug/l	-0.03
Spiked Amount			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	11.40	95	4016	29.35	ug/l	-0.02
Spiked Amount			Recovery	=	58.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.07	50	376	2.287	ug/l #	45
5) Bromomethane	1.32	94	773	7.266	ug/l #	26
6) Chloroethane	1.45	64	157	2.116	ug/l #	34
8) Diethyl Ether	1.74	74	77	1.776	ug/l	90
11) Tert butyl alcohol	2.66	59	64	11.204	ug/l #	64
13) Acrolein	2.02	56	267	36.887	ug/l	94
14) Allyl chloride	2.11	41	327	2.511	ug/l #	20
15) Acrylonitrile	2.91	53	185	10.170	ug/l #	16
16) Acetone	2.37	43	310	14.705	ug/l	92
18) Methyl Acetate	2.37	43	310	Below Cal	#	79
20) Methylene Chloride	2.18	84	232	Below Cal	#	21
23) Vinyl Acetate	3.19	43	180	1.190	ug/l #	76
25) 2-Butanone	4.35	43	222	5.177	ug/l #	56
29) Tetrahydrofuran	4.04	42	69	3.731	ug/l #	33
37) Ethyl Acetate	4.07	43	157	2.352	ug/l #	20
41) Methacrylonitrile	4.73	41	257	7.026	ug/l #	24
48) Methyl methacrylate	6.68	41	433	8.314	ug/l #	18
51) 4-Methyl-2-Pentanone	8.20	43	70	1.231	ug/l #	35
59) 2-Hexanone	9.45	43	176	4.289	ug/l #	22
74) N-amyl acetate	11.39	43	399	7.108	ug/l #	6
75) 1,1,2,2-Tetrachloroethane	11.66	83	79	1.949	ug/l #	23
76) 1,2,3-Trichloropropane	11.86	75	72	2.603	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.86	75	72	5.692	ug/l #	18
95) Naphthalene	14.44	128	152	1.153	ug/l #	70

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

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