

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030819\
 Data File : VF061872.D
 Acq On : 8 Mar 2019 19:44
 Operator : VA/AP
 Sample : K1807-15
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-8

Quant Time: Mar 09 01:47:01 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	4.86	168	3768	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	4301	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	2318	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	847	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	566	20.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.26%	
35) Dibromofluoromethane	4.09	113	1272	42.38	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	84.76%	
50) Toluene-d8	7.53	98	4632	51.92	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	103.84%	
62) 4-Bromofluorobenzene	11.41	95	1401	40.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.92	85	92	1.989	ug/l #	47
3) Chloromethane	1.10	50	218	4.863	ug/l #	45
4) Vinyl Chloride	1.23	62	84	1.974	ug/l #	1
5) Bromomethane	1.35	94	530	18.273	ug/l #	3
6) Chloroethane	1.41	64	69	3.411	ug/l #	41
9) 1,1,2-Trichlorotrifluoroet	1.91	101	59	1.671	ug/l #	21
12) 1,1-Dichloroethene	1.78	96	138	4.282	ug/l #	1
13) Acrolein	2.07	56	109	55.232	ug/l #	39
14) Allyl chloride	2.08	41	1365	38.449	ug/l #	50
15) Acrylonitrile	2.98	53	909	183.287	ug/l #	69
16) Acetone	2.25	43	444	77.245	ug/l #	50
18) Methyl Acetate	2.37	43	1270	99.179	ug/l #	62
19) Methyl tert-butyl Ether	2.44	73	66	1.211	ug/l #	56
20) Methylene Chloride	2.18	84	151	Below Cal	#	55
21) trans-1,2-Dichloroethene	2.30	96	61	2.011	ug/l #	1
22) Diisopropyl ether	2.78	45	412	4.461	ug/l #	1
23) Vinyl Acetate	3.16	43	541	13.113	ug/l #	76
24) 1,1-Dichloroethane	2.79	63	127	2.301	ug/l #	85
25) 2-Butanone	4.30	43	288	24.633	ug/l #	56
26) 2,2-Dichloropropane	3.65	77	71	2.881	ug/l #	55
27) cis-1,2-Dichloroethene	3.47	96	207	4.926	ug/l	1
29) Tetrahydrofuran	4.06	42	82	16.262	ug/l #	33
31) Cyclohexane	3.67	56	76	1.315	ug/l #	15
36) 1,1-Dichloropropene	4.11	75	69	1.698	ug/l #	41
37) Ethyl Acetate	4.09	43	214	12.549	ug/l #	20
41) Methacrylonitrile	4.75	41	92	9.847	ug/l #	24
43) Isopropyl Acetate	6.95	43	141	6.708	ug/l #	42
44) Trichloroethene	5.58	130	60	1.818	ug/l	4
45) 1,2-Dichloropropane	6.22	63	71	2.812	ug/l #	45
48) Methyl methacrylate	6.76	41	108	8.118	ug/l #	18
51) 4-Methyl-2-Pentanone	8.22	43	304	20.925	ug/l #	35
53) t-1,3-Dichloropropene	8.16	75	67	2.312	ug/l #	40
56) Ethyl methacrylate	8.55	69	70	3.431	ug/l #	24
59) 2-Hexanone	9.50	43	62	5.916	ug/l #	22

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) N-amyl acetate	11.37	43	91	6.779	ug/l #	42

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

