

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031319\
 Data File : VF061933.D
 Acq On : 13 Mar 2019 17:53
 Operator : VA/AP
 Sample : K1693-05
 Misc : 7.60q/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-031219-A

Quant Time: Mar 14 01:17:36 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	4.84	168	83	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	538	50.00	ug/l	-0.03
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.78
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.81	65	76	125.74	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	251.48%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	7.53	98	199	17.83	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	35.66%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.92	85	84	82.434	ug/l #	47
3) Chloromethane	1.10	50	195	197.458	ug/l #	45
5) Bromomethane	1.34	94	1541	2411.959	ug/l #	28
6) Chloroethane	1.37	64	91	204.207	ug/l #	20
8) Diethyl Ether	1.76	74	62	238.123	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	1.76	101	60	77.167	ug/l #	21
11) Tert butyl alcohol	2.66	59	81	2360.987	ug/l #	1
12) 1,1-Dichloroethene	1.81	96	80	112.700	ug/l #	1
13) Acrolein	1.93	56	674	15504.332	ug/l	95
14) Allyl chloride	2.09	41	447	571.596	ug/l #	73
15) Acrylonitrile	2.93	53	60	549.226	ug/l #	1
16) Acetone	2.22	43	1029	8127.094	ug/l	94
17) Carbon Disulfide	1.80	76	79	35.753	ug/l #	70
18) Methyl Acetate	2.32	43	704	700.507	ug/l #	62
19) Methyl tert-butyl Ether	2.40	73	83	69.119	ug/l #	56
20) Methylene Chloride	2.25	84	71	106.954	ug/l #	7
21) trans-1,2-Dichloroethene	2.32	96	151	226.020	ug/l #	1
22) Diisopropyl ether	2.80	45	707	347.551	ug/l #	1
23) Vinyl Acetate	3.14	43	505	555.701	ug/l #	76
24) 1,1-Dichloroethane	2.79	63	95	78.133	ug/l #	85
25) 2-Butanone	4.31	43	188	729.974	ug/l #	56
26) 2,2-Dichloropropane	3.43	77	62	114.226	ug/l #	1
29) Tetrahydrofuran	4.02	42	78	702.256	ug/l #	33
30) Chloroform	3.93	83	123	88.566	ug/l #	15
31) Cyclohexane	3.68	56	75	58.892	ug/l #	15
36) 1,1-Dichloropropene	4.23	75	76	14.955	ug/l #	41
37) Ethyl Acetate	4.12	43	165	77.353	ug/l #	20
40) Benzene	4.59	78	63	4.743	ug/l #	51
41) Methacrylonitrile	4.73	41	103	88.132	ug/l #	35
43) Isopropyl Acetate	6.93	43	135	51.343	ug/l #	42
45) 1,2-Dichloropropane	6.30	63	64	20.261	ug/l #	45
48) Methyl methacrylate	6.66	41	393	236.167	ug/l #	18
51) 4-Methyl-2-Pentanone	8.19	43	257	141.421	ug/l #	35
52) Toluene	7.61	92	83	10.562	ug/l #	70

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Ethyl methacrylate	8.53	69	100	39.189	ug/l #	24
59) 2-Hexanone	9.45	43	127	96.872	ug/l #	22

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

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