

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030419\
 Data File : VF061835.D
 Acq On : 4 Mar 2019 23:13
 Operator : VA/AP
 Sample : K1707-03
 Misc : 5.55µ/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S11

Quant Time: Mar 05 05:04:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:04:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	719	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	567	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.75	117	75	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.56	152	70	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.69	65	76	14.41	ug/l	-0.17
Spiked Amount	50.000		Recovery	=	28.82%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	7.55	98	137	11.32	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	22.64%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.04	85	71	8.599	ug/l #	43
3) Chloromethane	1.11	50	66	7.618	ug/l #	1
4) Vinyl Chloride	1.12	62	79	9.809	ug/l #	40
5) Bromomethane	1.28	94	252	45.464	ug/l #	3
6) Chloroethane	1.35	64	67	16.881	ug/l #	40
8) Diethyl Ether	1.67	74	74	30.229	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	1.71	101	71	10.132	ug/l #	22
10) Methyl Iodide	1.87	142	72	5.379	ug/l #	39
12) 1,1-Dichloroethene	1.81	96	82	13.309	ug/l #	1
13) Acrolein	2.01	56	337	878.730	ug/l #	1
14) Allyl chloride	2.10	41	472	62.431	ug/l #	70
15) Acrylonitrile	2.96	53	256	236.523	ug/l #	18
16) Acetone	2.30	43	1065	941.437	ug/l #	46
17) Carbon Disulfide	1.87	76	65	3.356	ug/l #	73
18) Methyl Acetate	2.33	43	645	253.097	ug/l #	59
19) Methyl tert-butyl Ether	2.42	73	145	13.771	ug/l #	57
20) Methylene Chloride	2.21	84	119	17.414	ug/l #	5
21) trans-1,2-Dichloroethene	2.29	96	170	25.382	ug/l #	1
22) Diisopropyl ether	2.76	45	909	50.088	ug/l #	24
23) Vinyl Acetate	3.17	43	645	72.766	ug/l #	74
24) 1,1-Dichloroethane	2.85	63	218	19.850	ug/l #	86
25) 2-Butanone	4.31	43	308	124.646	ug/l #	55
26) 2,2-Dichloropropane	3.47	77	123	26.440	ug/l #	52
27) cis-1,2-Dichloroethene	3.44	96	228	25.935	ug/l	1
29) Tetrahydrofuran	4.08	42	188	167.395	ug/l #	33
31) Cyclohexane	3.72	56	63	5.299	ug/l #	16
36) 1,1-Dichloropropene	4.20	75	69	12.285	ug/l #	37
37) Ethyl Acetate	4.11	43	232	88.927	ug/l #	30
40) Benzene	4.65	78	62	4.220	ug/l #	52
41) Methacrylonitrile	4.71	41	62	46.470	ug/l #	25
42) 1,2-Dichloroethane	5.04	62	67	19.065	ug/l	67
43) Isopropyl Acetate	6.92	43	119	38.535	ug/l #	43
48) Methyl methacrylate	6.69	41	132	71.029	ug/l #	17
51) 4-Methyl-2-Pentanone	8.26	43	250	113.299	ug/l #	34

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Toluene	7.49	92	69	7.744	ug/l #	1
56) Ethyl methacrylate	8.69	69	60	20.585	ug/l #	26
57) 1,3-Dichloropropane	8.88	76	87	19.910	ug/l #	40
58) 2-Chloroethyl Vinyl ether	7.23	63	95	188.908	ug/l #	44
59) 2-Hexanone	9.46	43	238	153.873	ug/l #	23
73) Isopropylbenzene	11.22	105	101	20.265	ug/l #	48
74) N-amyl acetate	11.37	43	79	66.040	ug/l #	44
89) n-Butylbenzene	12.77	91	68	15.040	ug/l #	28
95) Naphthalene	14.46	128	191	66.709	ug/l #	69

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

