

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032119\
 Data File : VF062070.D
 Acq On : 21 Mar 2019 19:48
 Operator : VA/AP
 Sample : K1694-05
 Misc : 6.93g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-032019-C

Quant Time: Mar 22 08:10:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 03:22:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	5834	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.61	114	6587	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	3693	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.57	152	928	50.00	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.86	65	558	13.29	ug/l	0.02
Spiked Amount	50.000		Recovery	=	26.58%	
35) Dibromofluoromethane	4.14	113	1664	37.62	ug/l	0.03
Spiked Amount	50.000		Recovery	=	75.24%	
50) Toluene-d8	7.58	98	4865	37.62	ug/l	0.03
Spiked Amount	50.000		Recovery	=	75.24%	
62) 4-Bromofluorobenzene	11.42	95	1063	20.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.38%	

Target Compounds

						Qvalue
3) Chloromethane	1.09	50	77	1.218	ug/l #	46
4) Vinyl Chloride	1.24	62	88	1.440	ug/l #	40
5) Bromomethane	1.34	94	378	8.803	ug/l #	33
6) Chloroethane	1.25	64	67	2.123	ug/l #	40
8) Diethyl Ether	1.76	74	81	4.499	ug/l	67
12) 1,1-Dichloroethene	1.74	96	191	3.879	ug/l #	1
13) Acrolein	1.93	56	541	195.018	ug/l	88
14) Allyl chloride	2.12	41	549	8.735	ug/l #	61
15) Acrylonitrile	2.96	53	68	8.702	ug/l #	71
16) Acetone	2.27	43	1340	142.096	ug/l #	50
18) Methyl Acetate	2.37	43	1450	67.851	ug/l #	53
20) Methylene Chloride	2.20	84	283	5.752	ug/l #	44
21) trans-1,2-Dichloroethene	2.34	96	90	1.752	ug/l #	1
22) Diisopropyl ether	2.86	45	1304	8.625	ug/l #	25
23) Vinyl Acetate	3.18	43	448	7.517	ug/l #	77
24) 1,1-Dichloroethane	2.88	63	129	1.467	ug/l #	1
25) 2-Butanone	4.35	43	83	4.444	ug/l #	51
26) 2,2-Dichloropropane	3.66	77	67	1.616	ug/l #	54
29) Tetrahydrofuran	4.12	42	406	49.986	ug/l #	33
37) Ethyl Acetate	4.09	43	68	2.546	ug/l #	19
41) Methacrylonitrile	4.74	41	102	7.148	ug/l #	22
43) Isopropyl Acetate	6.98	43	166	5.253	ug/l #	38
48) Methyl methacrylate	6.71	41	78	3.819	ug/l #	20
51) 4-Methyl-2-Pentanone	8.29	43	102	4.545	ug/l #	36
55) 1,1,2-Trichloroethane	8.45	97	62	2.307	ug/l #	14
56) Ethyl methacrylate	8.63	69	74	2.422	ug/l #	24
59) 2-Hexanone	9.54	43	124	7.635	ug/l #	23
74) N-amyl acetate	11.36	43	62	4.220	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	11.68	83	71	6.709	ug/l #	22
80) 1,3,5-Trimethylbenzene	11.83	105	73	1.410	ug/l #	25
83) tert-Butylbenzene	12.16	119	83	1.532	ug/l #	32
86) p-Isopropyltoluene	12.45	119	72	1.179	ug/l #	51
89) n-Butylbenzene	12.77	91	86	1.499	ug/l #	27
95) Naphthalene	14.48	128	66	1.950	ug/l #	70

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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