

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031819\
 Data File : VF062006.D
 Acq On : 18 Mar 2019 19:23
 Operator : VA/AP
 Sample : K1958-05
 Misc : 7.88g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-3

Quant Time: Mar 19 01:24:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	1451	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	2549	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	2286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	816	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.82	65	554	53.04	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	106.08%	
35) Dibromofluoromethane	4.10	113	647	37.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.60%	
50) Toluene-d8	7.54	98	2440	48.76	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	97.52%	
62) 4-Bromofluorobenzene	11.40	95	786	39.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.08%	

Target Compounds

						Qvalue
3) Chloromethane	1.11	50	74	4.708	ug/l #	46
5) Bromomethane	1.33	94	324	30.337	ug/l #	3
7) Trichlorofluoromethane	1.30	101	61	3.029	ug/l #	21
8) Diethyl Ether	1.55	74	99	22.111	ug/l	59
9) 1,1,2-Trichlorotrifluoroet	1.95	101	69	4.862	ug/l #	18
10) Methyl Iodide	2.05	142	60	2.416	ug/l #	1
11) Tert butyl alcohol	2.52	59	60	93.878	ug/l #	71
12) 1,1-Dichloroethene	1.81	96	72	5.879	ug/l #	1
13) Acrolein	1.84	56	403	584.092	ug/l	85
14) Allyl chloride	2.09	41	308	19.703	ug/l #	17
15) Acrylonitrile	2.96	53	273	140.463	ug/l #	18
16) Acetone	2.23	43	1384	590.081	ug/l #	50
17) Carbon Disulfide	1.86	76	116	3.275	ug/l #	76
18) Methyl Acetate	2.45	43	1090	227.159	ug/l #	63
19) Methyl tert-butyl Ether	2.44	73	153	6.895	ug/l #	1
20) Methylene Chloride	2.17	84	97	8.033	ug/l #	3
21) trans-1,2-Dichloroethene	2.30	96	479	37.480	ug/l #	1
22) Diisopropyl ether	2.76	45	300	7.978	ug/l #	44
23) Vinyl Acetate	3.16	43	386	26.041	ug/l #	77
24) 1,1-Dichloroethane	2.88	63	170	7.775	ug/l #	86
25) 2-Butanone	4.32	43	371	79.870	ug/l #	51
26) 2,2-Dichloropropane	3.65	77	70	6.788	ug/l #	54
27) cis-1,2-Dichloroethene	3.39	96	60	3.725	ug/l	1
29) Tetrahydrofuran	4.06	42	311	153.952	ug/l #	33
31) Cyclohexane	3.74	56	97	4.528	ug/l #	16
36) 1,1-Dichloropropene	4.12	75	167	7.255	ug/l #	42
37) Ethyl Acetate	4.11	43	177	17.125	ug/l #	19
41) Methacrylonitrile	4.72	41	68	12.314	ug/l #	22
43) Isopropyl Acetate	6.99	43	72	5.888	ug/l #	38
48) Methyl methacrylate	6.71	41	71	8.984	ug/l #	20
51) 4-Methyl-2-Pentanone	8.24	43	66	7.600	ug/l #	36
55) 1,1,2-Trichloroethane	8.38	97	59	5.672	ug/l #	14
59) 2-Hexanone	9.49	43	62	9.866	ug/l #	23
74) N-amyl acetate	11.37	43	67	5.187	ug/l #	43

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

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