

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060576.D
 Acq On : 5 Nov 2018 16:52
 Operator : VA/AP
 Sample : J5724-01RE
 Misc : 5.05/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 DARK-SOIL(NEAR-BERM)RE

Quant Time: Nov 05 17:15:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	1595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	1680	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.86	65	60	3.72	ug/l	0.01
Spiked Amount	50.000		Recovery	=	7.44%	
35) Dibromofluoromethane	4.09	113	401	30.89	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	61.78%	
50) Toluene-d8	7.55	98	1194	31.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.10%	
62) 4-Bromofluorobenzene	11.37	95	144	8.56	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	17.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.96	85	378	20.302	ug/l #	41
3) Chloromethane	1.09	50	90	6.447	ug/l #	45
4) Vinyl Chloride	1.05	62	62	4.820	ug/l #	1
5) Bromomethane	1.33	94	312	43.211	ug/l #	74
6) Chloroethane	1.53	64	64	10.374	ug/l #	1
8) Diethyl Ether	1.52	74	90	20.170	ug/l	87
11) Tert butyl alcohol	2.54	59	67	74.633	ug/l #	1
12) 1,1-Dichloroethene	1.80	96	60	5.178	ug/l #	1
13) Acrolein	1.99	56	104	188.462	ug/l #	1
14) Allyl chloride	2.11	41	874	46.194	ug/l #	34
15) Acrylonitrile	2.94	53	69	35.926	ug/l #	15
16) Acetone	2.35	43	603	158.792	ug/l	99
17) Carbon Disulfide	1.77	76	793	24.296	ug/l #	38
18) Methyl Acetate	2.35	43	603	101.727	ug/l #	64
19) Methyl tert-butyl Ether	2.42	73	102	3.766	ug/l #	1
20) Methylene Chloride	2.21	84	1052	98.763	ug/l #	19
21) trans-1,2-Dichloroethene	2.29	96	150	12.339	ug/l #	1
22) Diisopropyl ether	2.76	45	150	3.742	ug/l #	1
23) Vinyl Acetate	3.15	43	940	39.028	ug/l #	75
24) 1,1-Dichloroethane	2.84	63	80	3.448	ug/l #	89
25) 2-Butanone	4.34	43	217	Below Cal	#	56
26) 2,2-Dichloropropane	3.61	77	197	11.349	ug/l #	57
27) cis-1,2-Dichloroethene	3.52	96	149	6.421	ug/l	1
29) Tetrahydrofuran	4.04	42	968	348.898	ug/l #	63
30) Chloroform	3.92	83	83	2.261	ug/l	84
31) Cyclohexane	3.68	56	349	10.901	ug/l #	23
32) 1,1,1-Trichloroethane	4.09	97	149	5.812	ug/l #	21
36) 1,1-Dichloropropene	4.24	75	67	3.622	ug/l #	1
37) Ethyl Acetate	4.09	43	826	93.021	ug/l #	12
38) Carbon Tetrachloride	4.00	117	63	3.986	ug/l #	11
39) Methylcyclohexane	5.44	83	427	18.916	ug/l #	30
40) Benzene	4.69	78	73	1.626	ug/l #	1
41) Methacrylonitrile	4.79	41	852	169.429	ug/l #	65
42) 1,2-Dichloroethane	4.89	62	67	5.199	ug/l	71

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Isopropyl Acetate	6.92	43	1344	119.657	ug/l #	45
45) 1,2-Dichloropropane	6.22	63	160	13.933	ug/l #	43
46) Dibromomethane	5.98	93	117	16.060	ug/l #	29
47) Bromodichloromethane	6.33	83	472	26.861	ug/l #	66
48) Methyl methacrylate	6.67	41	1022	144.775	ug/l #	56
51) 4-Methyl-2-Pentanone	8.23	43	692	91.617	ug/l #	37
52) Toluene	7.59	92	70	2.393	ug/l #	58
53) t-1,3-Dichloropropene	8.32	75	65	4.256	ug/l #	1
54) cis-1,3-Dichloropropene	7.36	75	201	10.416	ug/l #	1
55) 1,1,2-Trichloroethane	8.45	97	150	17.623	ug/l #	43
56) Ethyl methacrylate	8.61	69	128	11.689	ug/l #	1
57) 1,3-Dichloropropane	8.87	76	61	4.085	ug/l #	44
58) 2-Chloroethyl Vinyl ether	7.73	63	79	100.287	ug/l #	100
59) 2-Hexanone	9.46	43	712	130.080	ug/l #	43
60) Dibromochloromethane	8.76	129	66	5.545	ug/l #	12
61) 1,2-Dibromoethane	8.84	107	65	7.262	ug/l #	1
67) Ethyl Benzene	9.90	91	184	9.517	ug/l #	44
70) Styrene	10.93	104	149	12.933	ug/l #	33

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

