

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100218\
 Data File : VF060407.D
 Acq On : 2 Oct 2018 17:32
 Operator : VA/AP
 Sample : J5170-13
 Misc : 5.22/5mL/MSVOA F/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HC-SOIL-3

Quant Time: Oct 03 02:34:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	14867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	16959	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.89	117	5730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.62

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	2414	10.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.76%	
35) Dibromofluoromethane	4.26	113	4199	26.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	52.72%	
50) Toluene-d8	7.69	98	13555	34.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.10%	
62) 4-Bromofluorobenzene	11.50	95	619	3.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	6.92%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.98	85	77	Below Cal	# 43
8) Diethyl Ether	1.67	74	98	1.468	ug/l 75
11) Tert butyl alcohol	2.63	59	81	5.756	ug/l # 77
12) 1,1-Dichloroethene	1.84	96	400	2.218	ug/l # 1
13) Acrolein	1.93	56	148	13.078	ug/l 87
14) Allyl chloride	2.17	41	819	2.834	ug/l # 42
15) Acrylonitrile	3.03	53	169	7.009	ug/l # 14
16) Acetone	2.35	43	442	Below Cal	# 66
18) Methyl Acetate	2.47	43	1313	13.728	ug/l # 57
20) Methylene Chloride	2.26	84	784	Below Cal	# 31
21) trans-1,2-Dichloroethene	2.43	96	223	1.238	ug/l # 1
23) Vinyl Acetate	3.33	43	495	2.376	ug/l # 81
25) 2-Butanone	4.47	43	365	6.059	ug/l # 60
26) 2,2-Dichloropropane	3.74	77	235	1.170	ug/l # 1
27) cis-1,2-Dichloroethene	3.62	96	270	1.341	ug/l 7
29) Tetrahydrofuran	4.21	42	572	21.009	ug/l # 88
31) Cyclohexane	3.80	56	402	1.578	ug/l # 33
37) Ethyl Acetate	4.24	43	674	8.418	ug/l # 30
41) Methacrylonitrile	4.87	41	322	7.585	ug/l # 44
42) 1,2-Dichloroethane	5.00	62	378	1.909	ug/l 83
43) Isopropyl Acetate	7.07	43	276	2.852	ug/l # 44
45) 1,2-Dichloropropane	6.37	63	142	1.285	ug/l # 46
46) Dibromomethane	6.17	93	98	1.103	ug/l # 9
48) Methyl methacrylate	6.85	41	749	10.783	ug/l # 36
49) 1,4-Dioxane	6.74	88	87	145.269	ug/l # 1
51) 4-Methyl-2-Pentanone	8.37	43	166	2.410	ug/l # 39
54) cis-1,3-Dichloropropene	7.42	75	215	1.066	ug/l # 42
55) 1,1,2-Trichloroethane	8.58	97	239	2.674	ug/l # 30
56) Ethyl methacrylate	8.75	69	158	1.556	ug/l # 1
58) 2-Chloroethyl Vinyl ether	7.81	63	163	15.714	ug/l 100
59) 2-Hexanone	9.58	43	243	4.810	ug/l # 27
64) Tetrachloroethene	8.34	164	73	1.603	ug/l # 1
65) Chlorobenzene	10.03	112	140	1.189	ug/l # 40
66) 1,1,1,2-Tetrachloroethane	10.04	131	62	1.206	ug/l # 9

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) m/p-Xylenes	10.20	106	94	1.222	ug/l #	34
70) Styrene	10.88	104	190	1.593	ug/l #	29
71) Bromoform	10.89	173	70	2.558	ug/l #	32

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

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