

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092818\
 Data File : VF060383.D
 Acq On : 28 Sep 2018 22:41
 Operator : VA/AP
 Sample : J5170-19
 Misc : 7.43/5mL/MSVOA F/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HC-SOIL-4

Quant Time: Sep 29 00:21:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-5.04
34) 1,4-Difluorobenzene	5.96	114	60	50.00	ug/l	0.20
63) Chlorobenzene-d5	10.29	117	73	50.00	ug/l	0.38
72) 1,4-Dichlorobenzene-d4	12.64	152	344	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	60	0.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	8.00	98	66	47.38	ug/l	0.29
Spiked Amount	50.000		Recovery	=	94.76%	
62) 4-Bromofluorobenzene	11.89	95	111	184.36	ug/l	0.39
Spiked Amount	50.000		Recovery	=	368.72%	

Target Compounds					Qvalue
36) 1,1-Dichloropropene	4.46	75	143	191.071	ug/l # 41
37) Ethyl Acetate	4.47	43	883	2788.343	ug/l # 1
38) Carbon Tetrachloride	4.26	117	63	78.370	ug/l # 14
39) Methylcyclohexane	5.83	83	268	330.401	ug/l # 16
40) Benzene	4.96	78	66	38.892	ug/l # 1
41) Methacrylonitrile	5.08	41	131	762.359	ug/l # 23
42) 1,2-Dichloroethane	5.25	62	143	228.934	ug/l # 79
43) Isopropyl Acetate	7.33	43	641	1681.380	ug/l # 48
44) Trichloroethene	5.87	130	60	118.801	ug/l # 1
45) 1,2-Dichloropropane	6.68	63	91	207.195	ug/l # 42
46) Dibromomethane	6.57	93	71	226.158	ug/l # 5
47) Bromodichloromethane	6.78	83	117	155.081	ug/l # 26
48) Methyl methacrylate	7.08	41	488	1823.512	ug/l # 37
49) 1,4-Dioxane	7.06	88	168	70267.548	ug/l # 40
51) 4-Methyl-2-Pentanone	8.70	43	444	1511.065	ug/l # 35
52) Toluene	8.07	92	247	230.070	ug/l # 1
53) t-1,3-Dichloropropene	8.75	75	89	146.248	ug/l # 42
54) cis-1,3-Dichloropropene	7.70	75	70	91.307	ug/l # 37
55) 1,1,2-Trichloroethane	8.88	97	122	374.415	ug/l # 17
56) Ethyl methacrylate	9.05	69	176	447.236	ug/l # 27
57) 1,3-Dichloropropane	9.27	76	109	202.031	ug/l # 40
58) 2-Chloroethyl Vinyl ether	8.05	63	95	2730.737	ug/l # 100
59) 2-Hexanone	10.00	43	828	3957.730	ug/l # 72
60) Dibromochloromethane	9.20	129	70	144.136	ug/l # 13
61) 1,2-Dibromoethane	9.35	107	62	170.871	ug/l # 4
65) Chlorobenzene	9.87	112	77	46.540	ug/l # 41
66) 1,1,1,2-Tetrachloroethane	10.05	131	62	90.298	ug/l # 61
67) Ethyl Benzene	10.01	91	144	47.073	ug/l # 46
68) m/p-Xylenes	10.37	106	79	74.748	ug/l # 45
69) o-Xylene	10.81	106	161	135.816	ug/l # 1
71) Bromoform	10.74	173	70	185.633	ug/l # 31
73) Isopropylbenzene	11.25	105	62	2.008	ug/l # 51
74) N-amyl acetate	11.48	43	337	51.174	ug/l # 32
75) 1,1,2,2-Tetrachloroethane	11.79	83	69	12.607	ug/l # 55

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76) 1,2,3-Trichloropropane	11.91	75	85	21.691	ug/l #	34
77) Bromobenzene	11.59	156	778	116.898	ug/l #	1
78) n-propylbenzene	11.66	91	120	Below Cal	#	57
79) 2-Chlorotoluene	11.82	91	124	5.953	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.91	105	264	10.620	ug/l #	28
81) trans-1,4-Dichloro-2-buten	11.96	75	88	42.493	ug/l #	20
82) 4-Chlorotoluene	12.01	91	61	2.913	ug/l #	43
83) tert-Butylbenzene	12.22	119	122	4.841	ug/l #	28
84) 1,2,4-Trimethylbenzene	12.30	105	69	2.733	ug/l #	31
86) p-Isopropyltoluene	12.52	119	509	16.383	ug/l #	48
87) 1,3-Dichlorobenzene	12.61	146	63	5.066	ug/l #	24
88) 1,4-Dichlorobenzene	12.61	146	63	5.125	ug/l #	25
89) n-Butylbenzene	12.94	91	114	Below Cal	#	28
90) Hexachloroethane	12.99	117	86	12.196	ug/l #	22
91) 1,2-Dichlorobenzene	13.06	146	69	5.816	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.79	75	68	66.176	ug/l #	19
95) Naphthalene	14.52	128	448	29.633	ug/l #	68
96) 1,2,3-Trichlorobenzene	14.66	180	85	10.668	ug/l #	84

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

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