

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061330.D
 Acq On : 10 Jan 2019 7:01
 Operator : VA/AP
 Sample : K1094-03
 Misc : 5.84g/5mL/MSVOA-F/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CROSSWICKS-DRUM-2

Quant Time: Jan 10 07:50:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-4.87
34) 1,4-Difluorobenzene	5.62	114	79	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	60	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	67	50.00	ug/l	0.06

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	76	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	7.55	98	160	89.45	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	178.90%	
62) 4-Bromofluorobenzene	11.45	95	241	308.54	ug/l	0.03
Spiked Amount	50.000		Recovery	=	617.08%	

Target Compounds					Qvalue
37) Ethyl Acetate	4.12	43	147	437.565	ug/l # 1
39) Methylcyclohexane	5.48	83	62	53.711	ug/l # 15
40) Benzene	4.63	78	67	31.108	ug/l # 51
41) Methacrylonitrile	4.77	41	286	1524.467	ug/l # 24
43) Isopropyl Acetate	6.98	43	121	272.809	ug/l # 45
45) 1,2-Dichloropropane	6.22	63	75	136.935	ug/l # 43
46) Dibromomethane	6.07	93	62	184.370	ug/l # 8
48) Methyl methacrylate	6.71	41	695	2414.081	ug/l # 21
51) 4-Methyl-2-Pentanone	8.28	43	1844	5508.122	ug/l # 92
52) Toluene	7.64	92	524	378.516	ug/l # 1
53) t-1,3-Dichloropropene	8.37	75	72	109.622	ug/l # 1
54) cis-1,3-Dichloropropene	7.25	75	84	96.457	ug/l # 1
56) Ethyl methacrylate	8.64	69	78	180.158	ug/l # 1
57) 1,3-Dichloropropane	8.92	76	59	86.058	ug/l # 1
58) 2-Chloroethyl Vinyl ether	7.29	63	69	3739.773	ug/l # 56
59) 2-Hexanone	9.53	43	60	252.979	ug/l # 27
61) 1,2-Dibromoethane	9.04	107	86	217.786	ug/l # 3
67) Ethyl Benzene	9.91	91	49585	21225.579	ug/l # 97
68) m/p-Xylenes	10.15	106	67145	82398.899	ug/l # 87
69) o-Xylene	10.73	106	28757	31591.585	ug/l # 98
70) Styrene	10.78	104	240	197.915	ug/l # 1
71) Bromoform	10.61	173	60	296.962	ug/l # 29
73) Isopropylbenzene	11.14	105	2577	437.105	ug/l # 90
74) N-amyl acetate	11.40	43	469	349.951	ug/l # 33
75) 1,1,2,2-Tetrachloroethane	11.69	83	216	231.068	ug/l # 25
76) 1,2,3-Trichloropropane	11.76	75	183	266.916	ug/l # 1
78) n-propylbenzene	11.61	91	5996	852.992	ug/l # 50
79) 2-Chlorotoluene	11.72	91	4071	1039.478	ug/l # 41
80) 1,3,5-Trimethylbenzene	11.83	105	9312	1984.995	ug/l # 96
81) trans-1,4-Dichloro-2-buten	11.84	75	210	700.915	ug/l # 4
82) 4-Chlorotoluene	11.92	91	301	75.636	ug/l # 42
83) tert-Butylbenzene	12.17	119	218	46.643	ug/l # 1
84) 1,2,4-Trimethylbenzene	12.22	105	47912	10286.896	ug/l # 100
85) sec-Butylbenzene	12.22	105	47912	7199.506	ug/l # 57

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.44	119	899	166.084	ug/l #	54
87) 1,3-Dichlorobenzene	12.51	146	67	29.251	ug/l #	1
88) 1,4-Dichlorobenzene	12.51	146	67	30.426	ug/l #	1
89) n-Butylbenzene	12.85	91	1271	228.528	ug/l #	44
90) Hexachloroethane	12.89	117	565	456.310	ug/l #	23
91) 1,2-Dichlorobenzene	12.79	146	60	27.444	ug/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.70	75	80	506.507	ug/l #	1
94) Hexachlorobutadiene	14.25	225	72	74.338	ug/l #	19
95) Naphthalene	14.47	128	524	184.818	ug/l #	24

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

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