

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061298.D
 Acq On : 9 Jan 2019 13:48
 Operator : VA/AP
 Sample : K1082-01
 Misc : 3.46g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1-1

Quant Time: Jan 10 05:52:53 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	4.90	168	10401	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.62	114	15525	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.80	117	10660	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	2932	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.88	65	2309	19.94	ug/l	0.02
Spiked Amount	50.000		Recovery	=	39.88%	
35) Dibromofluoromethane	4.14	113	4612	38.82	ug/l	0.02
Spiked Amount	50.000		Recovery	=	77.64%	
50) Toluene-d8	7.57	98	14158	40.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.54%	
62) 4-Bromofluorobenzene	11.43	95	3690	24.04	ug/l	0.01
Spiked Amount	50.000		Recovery	=	48.08%	

Target Compounds

						Qvalue
3) Chloromethane	1.07	50	427	2.498	ug/l #	40
5) Bromomethane	1.31	94	542	6.758	ug/l #	6
8) Diethyl Ether	1.61	74	63	1.657	ug/l	77
11) Tert butyl alcohol	2.54	59	75	16.181	ug/l #	58
13) Acrolein	2.02	56	387	60.735	ug/l #	10
14) Allyl chloride	2.08	41	428	2.142	ug/l #	50
15) Acrylonitrile	2.98	53	629	38.280	ug/l #	34
16) Acetone	2.18	43	709	26.327	ug/l	98
18) Methyl Acetate	2.36	43	560	10.569	ug/l #	65
20) Methylene Chloride	2.21	84	721	6.328	ug/l #	46
23) Vinyl Acetate	3.22	43	674	5.963	ug/l #	77
25) 2-Butanone	4.36	43	461	10.636	ug/l #	56
29) Tetrahydrofuran	4.09	42	100	5.518	ug/l #	36
37) Ethyl Acetate	4.15	43	178	2.696	ug/l #	1
40) Benzene	4.65	78	947	2.237	ug/l #	51
41) Methacrylonitrile	4.75	41	121	3.282	ug/l #	52
48) Methyl methacrylate	6.72	41	102	1.803	ug/l #	86
51) 4-Methyl-2-Pentanone	8.30	43	504	7.661	ug/l #	38
52) Toluene	7.65	92	4220	15.512	ug/l	79
59) 2-Hexanone	9.65	43	295	6.329	ug/l	89
67) Ethyl Benzene	9.91	91	497	1.197	ug/l #	48
74) N-amyl acetate	11.33	43	930	15.857	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	11.68	83	318	7.774	ug/l #	25
76) 1,2,3-Trichloropropane	11.70	75	60	2.000	ug/l #	1
78) n-propylbenzene	11.63	91	1288	4.187	ug/l #	55
79) 2-Chlorotoluene	11.70	91	978	5.706	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.83	105	399	1.944	ug/l #	27
81) trans-1,4-Dichloro-2-buten	11.99	75	62	4.729	ug/l #	1
82) 4-Chlorotoluene	11.88	91	180	1.034	ug/l #	42
84) 1,2,4-Trimethylbenzene	12.20	105	209	1.025	ug/l	66
87) 1,3-Dichlorobenzene	12.50	146	267	2.664	ug/l #	6
88) 1,4-Dichlorobenzene	12.56	146	235	2.439	ug/l #	1
89) n-Butylbenzene	12.85	91	912	3.747	ug/l #	27
90) Hexachloroethane	12.90	117	259	4.780	ug/l #	23

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	12.93	146	553	5.780	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.59	75	67	9.694	ug/l	82
93) 1,2,4-Trichlorobenzene	14.20	180	141	2.142	ug/l #	1
95) Naphthalene	14.45	128	414	3.337	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.63	180	64	1.032	ug/l #	1

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

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