

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061322.D
 Acq On : 10 Jan 2019 3:11
 Operator : VA/AP
 Sample : K1082-30RE
 Misc : 4.19g/5mL/MSVOA-F/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1-4RE

Quant Time: Jan 10 06:05:25 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	4.87	168	714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.62	114	1219	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.79	117	851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.58	152	84	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	68	8.56	ug/l	0.00
Spiked Amount						
			Recovery	=	17.12%	
35) Dibromofluoromethane	4.13	113	183	19.62	ug/l	0.02
Spiked Amount						
			Recovery	=	39.24%	
50) Toluene-d8	7.56	98	956	34.64	ug/l	0.00
Spiked Amount						
			Recovery	=	69.28%	
62) 4-Bromofluorobenzene	11.43	95	134	11.12	ug/l	0.02
Spiked Amount						
			Recovery	=	22.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.83	85	86	6.530	ug/l #	44
3) Chloromethane	1.08	50	124	10.565	ug/l #	40
5) Bromomethane	1.29	94	369	45.236	ug/l #	6
6) Chloroethane	1.37	64	68	13.284	ug/l #	1
8) Diethyl Ether	1.65	74	89	34.108	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	1.77	101	69	7.354	ug/l #	23
11) Tert butyl alcohol	2.43	59	65	204.279	ug/l #	58
12) 1,1-Dichloroethene	1.74	96	187	24.923	ug/l #	1
13) Acrolein	1.88	56	346	1069.421	ug/l	91
14) Allyl chloride	2.09	41	268	19.542	ug/l #	84
15) Acrylonitrile	2.94	53	144	127.661	ug/l #	53
16) Acetone	2.20	43	2024	1094.809	ug/l #	55
17) Carbon Disulfide	1.64	76	80	3.228	ug/l #	74
18) Methyl Acetate	2.33	43	748	205.648	ug/l #	65
19) Methyl tert-butyl Ether	2.39	73	102	7.134	ug/l #	1
20) Methylene Chloride	2.18	84	64	8.183	ug/l #	1
21) trans-1,2-Dichloroethene	2.30	96	168	21.130	ug/l #	1
22) Diisopropyl ether	2.76	45	991	37.350	ug/l #	8
23) Vinyl Acetate	3.14	43	499	64.310	ug/l #	77
24) 1,1-Dichloroethane	2.86	63	147	9.578	ug/l #	87
25) 2-Butanone	4.34	43	198	66.543	ug/l #	56
26) 2,2-Dichloropropane	3.52	77	127	12.383	ug/l #	60
29) Tetrahydrofuran	4.08	42	97	77.969	ug/l #	14
31) Cyclohexane	3.69	56	81	5.031	ug/l #	14
37) Ethyl Acetate	4.13	43	266	51.313	ug/l #	34
40) Benzene	4.68	78	86	2.588	ug/l #	51
41) Methacrylonitrile	4.76	41	391	135.068	ug/l #	24
42) 1,2-Dichloroethane	5.09	62	63	6.089	ug/l	76
43) Isopropyl Acetate	6.97	43	307	44.857	ug/l #	45
44) Trichloroethene	5.49	130	62	6.375	ug/l	3
46) Dibromomethane	6.11	93	61	11.756	ug/l #	8
48) Methyl methacrylate	6.74	41	83	18.684	ug/l #	21
51) 4-Methyl-2-Pentanone	8.28	43	86	16.648	ug/l #	38
52) Toluene	7.64	92	152	7.116	ug/l #	37

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56) Ethyl methacrylate	8.53	69	67	10.029	ug/l #	14
58) 2-Chloroethyl Vinyl ether	7.43	63	93	326.665	ug/l #	56
59) 2-Hexanone	9.54	43	307	83.887	ug/l #	27
70) Styrene	10.88	104	75	4.361	ug/l #	30
74) N-amyl acetate	11.39	43	176	104.747	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	11.66	83	86	73.380	ug/l #	25
78) n-propylbenzene	11.74	91	130	14.751	ug/l #	55
79) 2-Chlorotoluene	11.74	91	130	26.476	ug/l #	41
82) 4-Chlorotoluene	12.05	91	69	13.830	ug/l #	42
85) sec-Butylbenzene	12.39	105	76	9.109	ug/l #	57
89) n-Butylbenzene	12.86	91	65	9.322	ug/l #	27
95) Naphthalene	14.47	128	175	49.232	ug/l #	70

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

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