

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030119\
 Data File : VF061815.D
 Acq On : 1 Mar 2019 21:13
 Operator : VA/AP
 Sample : K1675-29
 Misc : 5.49g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 Z-3-13-A

Quant Time: Mar 02 02:48:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	134	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	443	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	208	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.56

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	94	95.66	ug/l	0.00
Spiked Amount			Recovery	=	191.32%	
35) Dibromofluoromethane	4.11	113	78	23.71	ug/l	0.00
Spiked Amount			Recovery	=	47.42%	
50) Toluene-d8	7.55	98	625	66.09	ug/l	-0.02
Spiked Amount			Recovery	=	132.18%	
62) 4-Bromofluorobenzene	11.42	95	92	24.04	ug/l	0.00
Spiked Amount			Recovery	=	48.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.91	85	60	38.990	ug/l #	43
3) Chloromethane	1.10	50	102	63.174	ug/l #	32
4) Vinyl Chloride	1.14	62	73	48.635	ug/l #	40
5) Bromomethane	1.34	94	767	742.479	ug/l #	58
6) Chloroethane	1.44	64	72	97.338	ug/l #	49
8) Diethyl Ether	1.71	74	169	370.429	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	1.70	101	60	45.942	ug/l #	22
10) Methyl Iodide	1.77	142	145	58.122	ug/l #	39
11) Tert butyl alcohol	2.60	59	117	2057.356	ug/l #	63
12) 1,1-Dichloroethene	1.81	96	77	67.059	ug/l #	1
13) Acrolein	2.00	56	395	5526.458	ug/l	83
14) Allvl chloride	2.16	41	311	220.721	ug/l #	46
15) Acrylonitrile	2.99	53	351	1740.065	ug/l #	24
16) Acetone	2.27	43	539	2556.551	ug/l #	46
17) Carbon Disulfide	1.92	76	94	26.044	ug/l #	73
18) Methyl Acetate	2.27	43	539	1134.854	ug/l	94
19) Methyl tert-butyl Ether	2.46	73	74	37.709	ug/l #	1
20) Methylene Chloride	2.16	84	62	55.139	ug/l #	43
21) trans-1,2-Dichloroethene	2.36	96	155	124.175	ug/l #	1
22) Diisopropyl ether	2.82	45	75	22.175	ug/l #	47
23) Vinyl Acetate	3.17	43	333	201.575	ug/l #	74
24) 1,1-Dichloroethane	2.90	63	66	32.245	ug/l #	86
25) 2-Butanone	4.32	43	341	740.466	ug/l #	55
26) 2,2-Dichloropropane	3.44	77	134	154.557	ug/l #	52
27) cis-1,2-Dichloroethene	3.48	96	164	100.098	ug/l	1
29) Tetrahydrofuran	4.08	42	313	1495.386	ug/l #	33
36) 1,1-Dichloropropene	4.31	75	82	18.685	ug/l #	37
37) Ethyl Acetate	4.09	43	357	175.143	ug/l #	30
39) Methylcyclohexane	5.34	83	78	15.029	ug/l #	15
41) Methacrylonitrile	4.75	41	179	171.718	ug/l #	25
43) Isopropyl Acetate	6.90	43	209	86.623	ug/l #	43
48) Methyl methacrylate	6.72	41	170	117.083	ug/l #	17
51) 4-Methyl-2-Pentanone	8.24	43	162	93.968	ug/l #	34
53) t-1,3-Dichloropropene	8.31	75	83	26.658	ug/l #	42

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56) Ethyl methacrylate	8.52	69	62	27.226	ug/l #	26
57) 1,3-Dichloropropane	8.86	76	60	17.574	ug/l #	40
59) 2-Hexanone	9.47	43	79	65.372	ug/l #	23

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

