

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010219\
 Data File : VF061259.D
 Acq On : 2 Jan 2019 17:32
 Operator : VA/AP
 Sample : K1019-05
 Misc : 5.99g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 A-GLICAL-PILE

Quant Time: Jan 03 04:02:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	2669	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	3788	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	2404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	296	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	484	14.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	28.20%	
35) Dibromofluoromethane	4.10	113	906	29.86	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	59.72%	
50) Toluene-d8	7.54	98	3268	38.00	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	76.00%	
62) 4-Bromofluorobenzene	11.41	95	703	17.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	35.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.11	50	189	5.561	ug/l #	42
4) Vinyl Chloride	1.16	62	127	4.028	ug/l #	37
5) Bromomethane	1.36	94	423	19.344	ug/l #	3
8) Diethyl Ether	1.64	74	60	7.279	ug/l	99
10) Methyl Iodide	1.90	142	73	1.484	ug/l #	24
11) Tert butyl alcohol	2.56	59	93	67.135	ug/l #	65
12) 1,1-Dichloroethene	1.77	96	74	3.145	ug/l #	1
13) Acrolein	2.03	56	430	429.575	ug/l	87
14) Allyl chloride	2.10	41	372	15.194	ug/l #	58
15) Acrylonitrile	2.95	53	1041	324.978	ug/l #	1
16) Acetone	2.25	43	1014	147.759	ug/l #	66
17) Carbon Disulfide	1.80	76	73	1.027	ug/l #	68
18) Methyl Acetate	2.48	43	1022	71.982	ug/l	98
19) Methyl tert-butyl Ether	2.42	73	81	1.551	ug/l #	1
20) Methylene Chloride	2.27	84	65	Below Cal	#	1
21) trans-1,2-Dichloroethene	2.28	96	70	2.782	ug/l #	1
22) Diisopropyl ether	2.79	45	306	3.752	ug/l #	16
23) Vinyl Acetate	3.16	43	307	8.160	ug/l #	78
24) 1,1-Dichloroethane	2.94	63	137	2.835	ug/l #	88
25) 2-Butanone	4.33	43	392	35.221	ug/l #	57
26) 2,2-Dichloropropane	3.65	77	78	2.813	ug/l #	62
27) cis-1,2-Dichloroethene	3.40	96	88	2.284	ug/l	1
29) Tetrahydrofuran	4.06	42	67	14.791	ug/l #	37
30) Chloroform	3.71	83	85	1.173	ug/l #	16
31) Cyclohexane	3.63	56	76	1.516	ug/l #	15
37) Ethyl Acetate	4.12	43	540	28.165	ug/l #	21
38) Carbon Tetrachloride	3.83	117	94	2.700	ug/l #	9
39) Methylcyclohexane	5.41	83	168	4.096	ug/l #	14
41) Methacrylonitrile	4.74	41	368	38.109	ug/l #	28
43) Isopropyl Acetate	6.97	43	61	2.763	ug/l #	45
47) Bromodichloromethane	6.44	83	80	1.775	ug/l #	24
48) Methyl methacrylate	6.74	41	269	17.453	ug/l #	19
51) 4-Methyl-2-Pentanone	8.27	43	634	41.872	ug/l #	38
54) cis-1,3-Dichloropropene	7.41	75	62	1.358	ug/l #	41

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) 1,3-Dichloropropane	8.79	76	77	2.182	ug/l #	42
59) 2-Hexanone	9.45	43	75	6.849	ug/l #	27
74) N-amyl acetate	11.36	43	464	81.933	ug/l #	48
76) 1,2,3-Trichloropropane	11.65	75	95	30.154	ug/l #	39
82) 4-Chlorotoluene	11.98	91	62	3.425	ug/l #	43
84) 1,2,4-Trimethylbenzene	12.20	105	60	2.865	ug/l #	29
85) sec-Butylbenzene	12.20	105	60	2.127	ug/l #	58
89) n-Butylbenzene	12.70	91	66	2.566	ug/l #	26
92) 1,2-Dibromo-3-Chloropropan	13.55	75	67	86.245	ug/l #	2
95) Naphthalene	14.46	128	74	5.821	ug/l #	70

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

