

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030119\
 Data File : VF061818.D
 Acq On : 1 Mar 2019 22:40
 Operator : VA/AP
 Sample : K1665-01RE
 Misc : 6.12g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 200051RE

Quant Time: Mar 02 02:48:45 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	4.86	168	5419	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	8419	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	5060	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	1964	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	1267	31.88	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	63.76%	
35) Dibromofluoromethane	4.10	113	2067	33.06	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	66.12%	
50) Toluene-d8	7.55	98	7601	42.29	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	84.58%	
62) 4-Bromofluorobenzene	11.41	95	2154	29.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	59.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.10	85	66	1.061	ug/l #	43
3) Chloromethane	1.11	50	208	3.186	ug/l #	42
4) Vinyl Chloride	1.17	62	61	1.005	ug/l #	40
5) Bromomethane	1.29	94	151	3.615	ug/l #	3
7) Trichlorofluoromethane	1.55	101	88	1.202	ug/l #	20
8) Diethyl Ether	1.77	74	120	6.504	ug/l	56
9) 1,1,2-Trichlorotrifluoroet	1.77	101	78	1.477	ug/l #	22
11) Tert butyl alcohol	2.40	59	75	32.611	ug/l #	1
12) 1,1-Dichloroethene	1.86	96	127	2.735	ug/l #	1
13) Acrolein	1.94	56	383	132.506	ug/l	87
14) Allyl chloride	2.12	41	944	16.567	ug/l #	61
15) Acrylonitrile	2.92	53	298	36.531	ug/l #	1
16) Acetone	2.24	43	708	83.039	ug/l #	46
18) Methyl Acetate	2.28	43	1033	53.782	ug/l #	59
19) Methyl tert-butyl Ether	2.44	73	159	2.004	ug/l #	1
20) Methylene Chloride	2.17	84	508	9.055	ug/l #	37
21) trans-1,2-Dichloroethene	2.28	96	86	1.704	ug/l #	1
22) Diisopropyl ether	2.77	45	1001	7.318	ug/l #	11
23) Vinyl Acetate	3.16	43	257	3.847	ug/l #	74
24) 1,1-Dichloroethane	2.90	63	159	1.921	ug/l #	86
25) 2-Butanone	4.32	43	617	33.130	ug/l #	55
26) 2,2-Dichloropropane	3.59	77	67	1.911	ug/l #	52
27) cis-1,2-Dichloroethene	3.45	96	93	1.404	ug/l	1
29) Tetrahydrofuran	4.08	42	128	15.122	ug/l #	33
32) 1,1,1-Trichloroethane	4.11	97	67	1.087	ug/l #	22
37) Ethyl Acetate	4.14	43	250	6.454	ug/l #	30
41) Methacrylonitrile	4.72	41	319	16.103	ug/l #	25
43) Isopropyl Acetate	6.94	43	100	2.181	ug/l #	43
45) 1,2-Dichloropropane	6.10	63	61	1.157	ug/l #	44
46) Dibromomethane	6.11	93	80	2.464	ug/l #	1
48) Methyl methacrylate	6.69	41	144	5.219	ug/l #	33
49) 1,4-Dioxane	7.02	88	71	273.712	ug/l #	20
51) 4-Methyl-2-Pentanone	8.26	43	85	2.594	ug/l #	34
55) 1,1,2-Trichloroethane	8.37	97	73	1.878	ug/l #	16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) 1,3-Dichloropropane	8.77	76	82	1.264	ug/l #	40
59) 2-Hexanone	9.46	43	80	3.483	ug/l #	23
74) N-amyl acetate	11.38	43	179	5.333	ug/l #	44
91) 1,2-Dichlorobenzene	12.99	146	82	1.280	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.67	75	72	18.127	ug/l #	1

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

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