

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032119\
 Data File : VF062059.D
 Acq On : 21 Mar 2019 14:30
 Operator : VA/AP
 Sample : K1688-21
 Misc : 6.40g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-031919-A

Quant Time: Mar 22 08:07:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 03:22:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	10633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	11912	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	7439	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	2387	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	1271	16.61	ug/l	0.00
Spiked Amount			Recovery	=	33.22%	
35) Dibromofluoromethane	4.12	113	2800	35.00	ug/l	0.00
Spiked Amount			Recovery	=	70.00%	
50) Toluene-d8	7.56	98	11250	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	11.42	95	2531	27.25	ug/l	0.00
Spiked Amount			Recovery	=	54.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.11	50	128	1.111	ug/l #	46
5) Bromomethane	1.37	94	837	10.695	ug/l #	3
6) Chloroethane	1.46	64	60	1.043	ug/l #	1
11) Tert butyl alcohol	2.68	59	60	12.811	ug/l #	71
12) 1,1-Dichloroethene	1.78	96	128	1.426	ug/l #	1
13) Acrolein	2.00	56	236	46.677	ug/l #	1
14) Allyl chloride	2.09	41	193	1.685	ug/l #	77
15) Acrylonitrile	2.90	53	151	10.602	ug/l #	18
16) Acetone	2.20	43	193	11.229	ug/l	95
18) Methyl Acetate	2.43	43	979	25.135	ug/l	95
20) Methylene Chloride	2.18	84	231	2.576	ug/l #	46
21) trans-1,2-Dichloroethene	2.30	96	180	1.922	ug/l #	1
23) Vinyl Acetate	3.22	43	456	4.198	ug/l #	77
24) 1,1-Dichloroethane	2.98	63	228	1.423	ug/l #	86
25) 2-Butanone	4.38	43	109	3.202	ug/l #	51
29) Tetrahydrofuran	4.08	42	145	9.795	ug/l #	33
37) Ethyl Acetate	4.13	43	243	5.031	ug/l #	19
41) Methacrylonitrile	4.81	41	198	7.673	ug/l #	22
43) Isopropyl Acetate	6.96	43	187	3.272	ug/l #	38
48) Methyl methacrylate	6.76	41	69	1.868	ug/l #	20
51) 4-Methyl-2-Pentanone	8.27	43	84	2.070	ug/l #	36
55) 1,1,2-Trichloroethane	8.50	97	70	1.440	ug/l #	14
59) 2-Hexanone	9.52	43	83	2.826	ug/l #	23
60) Dibromochloromethane	8.78	129	73	1.082	ug/l #	12
74) N-ethyl acetate	11.39	43	131	3.467	ug/l #	12

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

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