

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122718\
 Data File : VF061218.D
 Acq On : 27 Dec 2018 20:02
 Operator : VA/AP
 Sample : J6486-01
 Misc : 4.47µ/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S72-0053

Quant Time: Dec 27 23:51:11 2018
 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	4.85	168	4252	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.57	114	6040	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	4481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	1511	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.82	65	1023	18.71	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	37.42%	
35) Dibromofluoromethane	4.09	113	2042	42.20	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	84.40%	
50) Toluene-d8	7.54	98	7159	52.21	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	11.40	95	1705	26.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	53.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.10	85	121	1.280	ug/l #	43
3) Chloromethane	1.09	50	72	1.330	ug/l #	42
5) Bromomethane	1.30	94	458	13.147	ug/l #	3
6) Chloroethane	1.39	64	98	4.235	ug/l #	36
8) Diethyl Ether	1.66	74	74	5.635	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	1.94	101	62	1.247	ug/l #	21
11) Tert butyl alcohol	2.60	59	66	29.906	ug/l #	65
12) 1,1-Dichloroethene	1.85	96	76	2.028	ug/l #	1
13) Acrolein	2.01	56	403	252.715	ug/l	94
14) Allyl chloride	2.07	41	717	18.382	ug/l #	57
15) Acrylonitrile	2.91	53	172	33.704	ug/l #	46
16) Acetone	2.10	43	631	57.717	ug/l	97
18) Methyl Acetate	2.37	43	1737	76.794	ug/l #	66
19) Methyl tert-butyl Ether	2.42	73	143	1.719	ug/l #	59
20) Methylene Chloride	2.27	84	151	Below Cal	#	1
21) trans-1,2-Dichloroethene	2.28	96	60	1.497	ug/l #	1
22) Diisopropyl ether	2.82	45	280	2.155	ug/l #	1
23) Vinyl Acetate	3.17	43	945	15.766	ug/l #	78
24) 1,1-Dichloroethane	2.85	63	187	2.429	ug/l #	88
25) 2-Butanone	4.28	43	434	24.477	ug/l #	57
26) 2,2-Dichloropropane	3.54	77	66	1.494	ug/l #	62
29) Tetrahydrofuran	4.05	42	141	19.538	ug/l #	37
32) 1,1,1-Trichloroethane	4.05	97	88	1.272	ug/l #	23
37) Ethyl Acetate	4.08	43	101	2.919	ug/l #	21
41) Methacrylonitrile	4.71	41	175	11.366	ug/l #	27
43) Isopropyl Acetate	6.90	43	263	7.471	ug/l #	45
45) 1,2-Dichloropropane	6.07	63	59	1.383	ug/l #	44
48) Methyl methacrylate	6.70	41	178	7.243	ug/l #	19
51) 4-Methyl-2-Pentanone	8.21	43	177	7.331	ug/l #	38
58) 2-Chloroethyl Vinyl ether	7.12	63	129	19.951	ug/l #	50
59) 2-Hexanone	9.45	43	108	6.186	ug/l #	27
74) N-amyl acetate	11.38	43	178	6.157	ug/l #	33
90) Hexachloroethane	12.83	117	65	2.201	ug/l #	27
93) 1,2,4-Trichlorobenzene	14.24	180	59	1.660	ug/l #	12

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

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