

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122118\
 Data File : VF061128.D
 Acq On : 21 Dec 2018 16:15
 Operator : VA/AP
 Sample : J6199-11
 Misc : 15.28g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-02-121818-B

Quant Time: Dec 21 16:42:39 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	4.90	168	338	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.61	114	156	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.82	117	182	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	11.42	95	69	42.26	ug/l	0.01
Spiked Amount	50.000		Recovery	=	84.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
24) 1,1-Dichloroethane	2.91	63	95	15.524	ug/l #	88
25) 2-Butanone	4.35	43	397	281.669	ug/l #	57
26) 2,2-Dichloropropane	3.60	77	150	42.713	ug/l #	62
27) cis-1,2-Dichloroethene	3.47	96	63	12.914	ug/l	1
29) Tetrahydrofuran	4.11	42	80	139.454	ug/l #	37
30) Chloroform	3.86	83	60	6.539	ug/l #	16
31) Cyclohexane	3.73	56	159	25.040	ug/l #	15
37) Ethyl Acetate	4.13	43	471	Below Cal	#	21
41) Methacrylonitrile	4.74	41	314	789.587	ug/l #	46
42) 1,2-Dichloroethane	4.82	62	73	47.455	ug/l	77
43) Isopropyl Acetate	7.02	43	134	147.379	ug/l #	45
45) 1,2-Dichloropropane	6.39	63	67	60.814	ug/l #	44
48) Methyl methacrylate	6.72	41	168	264.678	ug/l #	29
49) 1,4-Dioxane	6.88	88	86	18672.891	ug/l #	23
51) 4-Methyl-2-Pentanone	8.30	43	176	282.249	ug/l #	38
54) cis-1,3-Dichloropropene	7.29	75	63	33.514	ug/l #	1
56) Ethyl methacrylate	8.56	69	70	80.502	ug/l #	67
57) 1,3-Dichloropropane	8.87	76	70	48.164	ug/l #	42
59) 2-Hexanone	9.51	43	218	483.428	ug/l #	27
61) 1,2-Dibromoethane	9.18	107	60	69.912	ug/l #	4
67) Ethyl Benzene	9.97	91	85	12.409	ug/l #	47

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

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