

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111618\
 Data File : VF060775.D
 Acq On : 16 Nov 2018 20:18
 Operator : VA/AP
 Sample : J5950-03
 Misc : 5.07g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-03

Quant Time: Nov 17 04:24:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	10972	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.60	114	12850	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	5656	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.57	152	639	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	1612	12.88	ug/l	-0.01
Spiked Amount			Recovery	=	25.76%	
35) Dibromofluoromethane	4.10	113	2313	23.95	ug/l	-0.02
Spiked Amount			Recovery	=	47.90%	
50) Toluene-d8	7.57	98	8230	31.87	ug/l	0.00
Spiked Amount			Recovery	=	63.74%	
62) 4-Bromofluorobenzene	11.42	95	1464	9.53	ug/l	0.00
Spiked Amount			Recovery	=	19.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.24	94	142	2.052	ug/l #	5
13) Acrolein	2.04	56	67	12.865	ug/l #	14
14) Allyl chloride	2.06	41	366	2.334	ug/l #	1
15) Acrylonitrile	2.95	53	91	7.498	ug/l #	15
16) Acetone	2.20	43	800	29.907	ug/l #	65
18) Methyl Acetate	2.32	43	259	5.897	ug/l #	64
20) Methylene Chloride	2.19	84	201	Below Cal	#	62
25) 2-Butanone	4.34	43	294	6.682	ug/l #	56
29) Tetrahydrofuran	4.07	42	91	5.014	ug/l #	36
37) Ethyl Acetate	4.09	43	116	2.094	ug/l #	1
41) Methacrylonitrile	4.74	41	221	3.450	ug/l #	26
43) Isopropyl Acetate	6.95	43	307	4.179	ug/l #	48
48) Methyl methacrylate	6.72	41	83	1.707	ug/l #	17
51) 4-Methyl-2-Pentanone	8.25	43	193	3.633	ug/l #	38
59) 2-Hexanone	9.45	43	882	23.622	ug/l #	28
73) Isopropylbenzene	11.24	105	68	1.322	ug/l #	48
74) N-amyl acetate	11.35	43	506	43.214	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	11.68	83	70	8.232	ug/l #	25
78) n-propylbenzene	11.62	91	62	1.034	ug/l #	53
79) 2-Chlorotoluene	11.79	91	69	1.979	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.85	105	65	1.592	ug/l #	27
82) 4-Chlorotoluene	11.99	91	150	4.200	ug/l #	43
84) 1,2,4-Trimethylbenzene	12.21	105	198	4.688	ug/l #	27
85) sec-Butylbenzene	12.25	105	105	1.785	ug/l #	56
89) n-Butylbenzene	12.73	91	124	2.474	ug/l #	26
90) Hexachloroethane	12.85	117	65	5.410	ug/l #	21

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

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