

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122018\
 Data File : VF061111.D
 Acq On : 20 Dec 2018 16:42
 Operator : VA/AP
 Sample : J6377-12
 Misc : 4.64g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SD004-0612-01

Quant Time: Dec 21 06:43:12 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	4.89	168	11058	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.61	114	12652	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.78	117	7014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	1838	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.70	65	69	0.49	ug/l	-0.14
Spiked Amount			Recovery	=		0.98%
35) Dibromofluoromethane	4.12	113	2635	26.00	ug/l	0.00
Spiked Amount			Recovery	=		52.00%
50) Toluene-d8	7.56	98	10252	35.69	ug/l	0.00
Spiked Amount			Recovery	=		71.38%
62) 4-Bromofluorobenzene	11.42	95	1924	14.53	ug/l	0.00
Spiked Amount			Recovery	=		29.06%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.18	50	207	1.470	ug/l #	67
5) Bromomethane	1.33	94	146	1.612	ug/l #	3
6) Chloroethane	1.48	64	65	1.080	ug/l #	36
8) Diethyl Ether	1.65	74	82	2.401	ug/l	61
11) Tert butyl alcohol	2.54	59	76	13.242	ug/l #	1
12) 1,1-Dichloroethene	1.83	96	127	1.303	ug/l #	1
13) Acrolein	2.07	56	210	50.636	ug/l	94
14) Allyl chloride	2.10	41	450	4.436	ug/l #	43
15) Acrylonitrile	2.94	53	370	27.879	ug/l #	32
16) Acetone	2.22	43	1172	41.221	ug/l #	66
18) Methyl Acetate	2.38	43	1061	18.037	ug/l #	66
19) Methyl tert-butyl Ether	2.43	73	219	1.012	ug/l #	1
20) Methylene Chloride	2.28	84	88	Below Cal	#	8
21) trans-1,2-Dichloroethene	2.29	96	324	3.108	ug/l #	1
22) Diisopropyl ether	2.82	45	435	1.287	ug/l #	52
23) Vinyl Acetate	3.23	43	897	5.754	ug/l #	78
25) 2-Butanone	4.33	43	301	6.528	ug/l #	57
29) Tetrahydrofuran	4.08	42	78	4.156	ug/l #	19
37) Ethyl Acetate	4.12	43	173	2.355	ug/l #	21
41) Methacrylonitrile	4.76	41	413	12.805	ug/l #	50
43) Isopropyl Acetate	6.98	43	216	2.929	ug/l #	45
46) Dibromomethane	6.23	93	72	1.242	ug/l #	5
48) Methyl methacrylate	6.72	41	141	2.739	ug/l #	19
51) 4-Methyl-2-Pentanone	8.26	43	284	5.616	ug/l	91
52) Toluene	7.63	92	292	1.343	ug/l	81
55) 1,1,2-Trichloroethane	8.59	97	69	1.059	ug/l #	12
59) 2-Hexanone	9.50	43	259	7.082	ug/l #	27
68) m/p-Xylenes	10.15	106	856	9.214	ug/l	78
74) N-amyl acetate	11.39	43	177	5.033	ug/l #	46
79) 2-Chlorotoluene	11.69	91	215	1.979	ug/l #	42
84) 1,2,4-Trimethylbenzene	12.21	105	225	1.730	ug/l #	29
85) sec-Butylbenzene	12.21	105	225	1.285	ug/l #	58
87) 1,3-Dichlorobenzene	12.57	146	102	Below Cal	#	25
88) 1,4-Dichlorobenzene	12.57	146	102	1.629	ug/l #	25

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	13.47	75	66	13.682	ug/l #	2

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

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