

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121018\
 Data File : VF060960.D
 Acq On : 10 Dec 2018 18:20
 Operator : VA/AP
 Sample : J6290-01RE
 Misc : 5.01g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SOILRE

Quant Time: Dec 11 04:58:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	706	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.58	114	917	50.00	ug/l	-0.06
63) Chlorobenzene-d5	9.77	117	294	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.57

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	62	7.45	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	14.90%	
35) Dibromofluoromethane	4.11	113	142	19.52	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	39.04%	
50) Toluene-d8	7.56	98	537	25.06	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	50.12%	
62) 4-Bromofluorobenzene	11.23	95	68	6.98	ug/l	-0.21
Spiked Amount	50.000		Recovery	=	13.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.82	85	69	6.536	ug/l #	41
3) Chloromethane	1.04	50	85	12.374	ug/l #	41
5) Bromomethane	1.33	94	507	112.217	ug/l #	2
6) Chloroethane	1.45	64	70	25.274	ug/l #	1
8) Diethyl Ether	1.65	74	147	74.360	ug/l	100
10) Methyl Iodide	2.02	142	81	7.668	ug/l #	26
11) Tert butyl alcohol	2.54	59	59	173.056	ug/l #	1
12) 1,1-Dichloroethene	1.79	96	85	15.205	ug/l #	1
13) Acrolein	1.99	56	323	999.937	ug/l	89
14) Allyl chloride	2.11	41	365	52.385	ug/l #	85
15) Acrylonitrile	2.94	53	227	296.989	ug/l #	75
16) Acetone	2.24	43	540	352.093	ug/l #	65
17) Carbon Disulfide	1.92	76	152	10.141	ug/l #	68
18) Methyl Acetate	2.38	43	213	83.901	ug/l	97
19) Methyl tert-butyl Ether	2.45	73	166	13.184	ug/l #	1
20) Methylene Chloride	2.24	84	135	23.994	ug/l #	1
21) trans-1,2-Dichloroethene	2.28	96	76	14.102	ug/l #	1
22) Diisopropyl ether	2.83	45	554	29.210	ug/l #	31
23) Vinyl Acetate	3.16	43	543	62.634	ug/l #	80
24) 1,1-Dichloroethane	2.83	63	204	18.079	ug/l #	86
25) 2-Butanone	4.30	43	616	232.213	ug/l #	57
26) 2,2-Dichloropropane	3.59	77	162	22.145	ug/l #	60
27) cis-1,2-Dichloroethene	3.48	96	69	7.864	ug/l	1
29) Tetrahydrofuran	4.09	42	274	243.673	ug/l #	37
30) Chloroform	3.84	83	119	6.852	ug/l #	17
31) Cyclohexane	3.71	56	67	5.721	ug/l #	15
37) Ethyl Acetate	4.09	43	520	125.809	ug/l #	14
39) Methylcyclohexane	5.50	83	82	7.693	ug/l #	13
41) Methacrylonitrile	4.74	41	406	201.472	ug/l #	23
42) 1,2-Dichloroethane	4.87	62	83	10.118	ug/l	76
43) Isopropyl Acetate	6.93	43	418	83.805	ug/l #	49
48) Methyl methacrylate	6.64	41	1057	282.521	ug/l #	35
49) 1,4-Dioxane	6.92	88	60	2191.260	ug/l #	17
51) 4-Methyl-2-Pentanone	8.21	43	394	103.371	ug/l #	38

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) t-1,3-Dichloropropene	8.33	75	67	7.834	ug/l #	40
54) cis-1,3-Dichloropropene	7.25	75	62	5.856	ug/l #	26
56) Ethyl methacrylate	8.71	69	72	14.093	ug/l #	47
59) 2-Hexanone	9.44	43	114	42.633	ug/l #	27
67) Ethyl Benzene	9.85	91	64	6.011	ug/l #	47

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

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