

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111218\
 Data File : VF060705.D
 Acq On : 13 Nov 2018 1:17
 Operator : VA/AP
 Sample : J5908-27
 Misc : 8.23g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SR-6-S

Quant Time: Nov 13 04:23:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	1077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	843	50.00	ug/l	0.00
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.78
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.77	65	61	5.61	ug/l	-0.08
Spiked Amount	50.000		Recovery	=	11.22%	
35) Dibromofluoromethane	4.12	113	101	15.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	31.02%	
50) Toluene-d8	7.57	98	141	7.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	14.62%	
62) 4-Bromofluorobenzene	11.44	95	128	15.17	ug/l	0.02
Spiked Amount	50.000		Recovery	=	30.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.80	85	60	1.442	ug/l #	41
3) Chloromethane	1.11	50	167	17.717	ug/l #	45
4) Vinyl Chloride	1.12	62	77	8.865	ug/l #	48
5) Bromomethane	1.30	94	139	28.510	ug/l #	1
6) Chloroethane	1.50	64	80	23.207	ug/l #	9
8) Diethyl Ether	1.54	74	60	19.914	ug/l #	1
13) Acrolein	1.97	56	128	375.564	ug/l #	11
14) Allyl chloride	2.11	41	728	56.984	ug/l #	37
15) Acrylonitrile	2.84	53	63	48.579	ug/l #	15
16) Acetone	2.27	43	1220	475.791	ug/l #	59
18) Methyl Acetate	2.35	43	289	72.343	ug/l #	64
19) Methyl tert-butyl Ether	2.48	73	79	4.319	ug/l #	1
20) Methylene Chloride	2.25	84	66	3.611	ug/l #	3
21) trans-1,2-Dichloroethene	2.36	96	62	7.553	ug/l #	1
22) Diisopropyl ether	2.81	45	231	8.534	ug/l #	7
23) Vinyl Acetate	3.18	43	507	31.175	ug/l #	75
24) 1,1-Dichloroethane	2.83	63	64	4.086	ug/l #	89
25) 2-Butanone	4.34	43	299	34.342	ug/l #	56
26) 2,2-Dichloropropane	3.58	77	86	7.337	ug/l #	57
27) cis-1,2-Dichloroethene	3.35	96	63	4.020	ug/l	1
28) Bromochloromethane	3.86	49	68	6.917	ug/l #	13
29) Tetrahydrofuran	4.09	42	147	69.494	ug/l #	36
30) Chloroform	3.83	83	65	2.623	ug/l #	16
31) Cyclohexane	3.67	56	229	10.593	ug/l #	17
32) 1,1,1-Trichloroethane	4.10	97	129	7.453	ug/l #	21
37) Ethyl Acetate	4.08	43	486	109.074	ug/l #	17
39) Methylcyclohexane	5.45	83	70	6.180	ug/l #	52
40) Benzene	4.60	78	124	5.504	ug/l #	51
41) Methacrylonitrile	4.69	41	380	150.596	ug/l #	53
42) 1,2-Dichloroethane	5.07	62	89	13.763	ug/l	71
43) Isopropyl Acetate	6.96	43	923	163.766	ug/l #	45
44) Trichloroethene	5.59	130	60	8.861	ug/l	2
45) 1,2-Dichloropropane	6.15	63	68	11.801	ug/l #	43
46) Dibromomethane	6.12	93	60	16.413	ug/l #	3

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47) Bromodichloromethane	6.31	83	74	8.392	ug/l #	25
48) Methyl methacrylate	6.77	41	1084	306.023	ug/l #	40
51) 4-Methyl-2-Pentanone	8.30	43	358	94.457	ug/l #	37
52) Toluene	7.51	92	74	5.042	ug/l #	1
53) t-1,3-Dichloropropene	8.31	75	88	11.483	ug/l #	43
54) cis-1,3-Dichloropropene	7.45	75	61	6.300	ug/l #	31
56) Ethyl methacrylate	8.66	69	61	11.101	ug/l #	1
57) 1,3-Dichloropropane	8.85	76	60	8.007	ug/l #	44
58) 2-Chloroethyl Vinyl ether	7.74	63	61	166.589	ug/l	100
59) 2-Hexanone	9.49	43	128	28.299	ug/l #	26

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

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