

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111218\
 Data File : VF060699.D
 Acq On : 12 Nov 2018 22:24
 Operator : VA/AP
 Sample : J5908-03RE
 Misc : 6.91u/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SR-2-SRE

Quant Time: Nov 13 04:20:19 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	4.84	168	3664	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	3893	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	1177	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.82	65	142	3.84	ug/l	-0.03
Spiked Amount 50.000			Recovery =	7.68%		
35) Dibromofluoromethane	4.09	113	859	28.56	ug/l	-0.02
Spiked Amount 50.000			Recovery =	57.12%		
50) Toluene-d8	7.54	98	2388	26.80	ug/l	-0.02
Spiked Amount 50.000			Recovery =	53.60%		
62) 4-Bromofluorobenzene	11.53	95	71	1.82	ug/l	0.11
Spiked Amount 50.000			Recovery =	3.64%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.98	85	190	1.041	ug/l #	41
3) Chloromethane	1.08	50	88	2.744	ug/l #	45
4) Vinyl Chloride	1.17	62	62	2.098	ug/l #	48
5) Bromomethane	1.31	94	125	7.536	ug/l #	1
6) Chloroethane	1.46	64	79	3.399	ug/l #	40
7) Trichlorofluoromethane	1.44	101	72	1.302	ug/l #	21
8) Diethyl Ether	1.59	74	63	6.146	ug/l	88
13) Acrolein	1.96	56	142	96.216	ug/l #	74
14) Allyl chloride	2.13	41	739	17.003	ug/l #	52
15) Acrylonitrile	2.94	53	76	17.226	ug/l #	15
16) Acetone	2.24	43	273	31.295	ug/l #	59
18) Methyl Acetate	2.33	43	502	37.172	ug/l #	64
20) Methylene Chloride	2.18	84	62	Below Cal	#	1
21) trans-1,2-Dichloroethene	2.29	96	62	2.220	ug/l #	1
22) Diisopropyl ether	2.79	45	139	1.509	ug/l #	44
23) Vinyl Acetate	3.17	43	217	3.922	ug/l #	75
24) 1,1-Dichloroethane	2.99	63	72	1.351	ug/l #	89
25) 2-Butanone	4.31	43	585	4.123	ug/l #	56
26) 2,2-Dichloropropane	3.50	77	216	5.417	ug/l #	57
27) cis-1,2-Dichloroethene	3.44	96	65	1.219	ug/l	1
28) Bromochloromethane	3.64	49	78	2.332	ug/l #	13
29) Tetrahydrofuran	4.07	42	163	14.848	ug/l #	36
32) 1,1,1-Trichloroethane	3.89	97	60	1.019	ug/l #	21
36) 1,1-Dichloropropene	4.17	75	65	1.516	ug/l #	43
37) Ethyl Acetate	4.08	43	213	10.352	ug/l #	17
39) Methylcyclohexane	5.41	83	62	1.185	ug/l #	50
41) Methacrylonitrile	4.74	41	395	33.898	ug/l #	55
43) Isopropyl Acetate	6.96	43	1066	40.956	ug/l #	45
47) Bromodichloromethane	6.29	83	64	1.572	ug/l #	25
48) Methyl methacrylate	6.68	41	500	30.566	ug/l #	17
51) 4-Methyl-2-Pentanone	8.22	43	362	20.682	ug/l	98
53) t-1,3-Dichloropropene	8.28	75	60	1.695	ug/l #	43
54) cis-1,3-Dichloropropene	7.35	75	70	1.565	ug/l #	1
55) 1,1,2-Trichloroethane	8.47	97	62	3.144	ug/l #	24

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56) Ethyl methacrylate	8.61	69	171	6.739	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.60	63	60	17.565	ug/l	100
59) 2-Hexanone	9.48	43	104	Below Cal	#	26
60) Dibromochloromethane	8.52	129	65	2.356	ug/l #	12
68) m/p-Xylenes	10.11	106	82	4.984	ug/l #	1
69) o-Xylene	10.67	106	80	4.453	ug/l #	1

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

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