

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110918\
 Data File : VF060681.D
 Acq On : 9 Nov 2018 19:35
 Operator : VA/AP
 Sample : J5863-01RE
 Misc : 5.86g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RT-3263RE

Quant Time: Nov 12 04:14:36 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	4.86	168	2068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	2859	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	145	6.94	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	13.88%	
35) Dibromofluoromethane	4.11	113	669	30.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.58%	
50) Toluene-d8	7.57	98	2460	37.60	ug/l	0.01
Spiked Amount	50.000		Recovery	=	75.20%	
62) 4-Bromofluorobenzene	11.31	95	66	2.31	ug/l	-0.11
Spiked Amount	50.000		Recovery	=	4.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.92	85	159	3.645	ug/l #	41
3) Chloromethane	1.11	50	104	5.746	ug/l #	45
4) Vinyl Chloride	1.04	62	69	4.137	ug/l #	48
5) Bromomethane	1.35	94	115	12.284	ug/l #	1
6) Chloroethane	1.28	64	99	13.285	ug/l #	40
7) Trichlorofluoromethane	1.31	101	82	2.627	ug/l #	21
8) Diethyl Ether	1.67	74	60	10.371	ug/l #	1
13) Acrolein	2.01	56	146	207.282	ug/l #	7
14) Allyl chloride	2.09	41	920	37.504	ug/l #	49
15) Acrylonitrile	2.90	53	145	58.229	ug/l #	19
16) Acetone	2.25	43	213	43.261	ug/l #	59
18) Methyl Acetate	2.36	43	423	55.259	ug/l #	64
19) Methyl tert-butyl Ether	2.44	73	63	1.794	ug/l #	1
20) Methylene Chloride	2.20	84	61	Below Cal	#	3
21) trans-1,2-Dichloroethene	2.28	96	181	11.484	ug/l #	1
22) Diisopropyl ether	2.77	45	419	8.062	ug/l #	79
23) Vinyl Acetate	3.20	43	459	14.699	ug/l #	75
24) 1,1-Dichloroethane	2.78	63	90	2.992	ug/l #	89
25) 2-Butanone	4.32	43	675	46.837	ug/l #	56
26) 2,2-Dichloropropane	3.65	77	65	2.888	ug/l #	57
27) cis-1,2-Dichloroethene	3.46	96	150	4.985	ug/l	1
28) Bromochloromethane	3.78	49	65	3.443	ug/l #	13
29) Tetrahydrofuran	4.07	42	190	42.995	ug/l #	36
30) Chloroform	3.94	83	72	1.513	ug/l #	16
31) Cyclohexane	3.70	56	64	1.542	ug/l #	17
32) 1,1,1-Trichloroethane	4.10	97	62	1.865	ug/l #	21
36) 1,1-Dichloropropene	4.43	75	67	2.128	ug/l #	17
37) Ethyl Acetate	4.12	43	783	51.815	ug/l #	17
39) Methylcyclohexane	5.45	83	63	1.640	ug/l #	1
40) Benzene	4.74	78	95	1.243	ug/l #	51
41) Methacrylonitrile	4.75	41	577	67.425	ug/l #	48
43) Isopropyl Acetate	7.00	43	355	18.572	ug/l #	45
45) 1,2-Dichloropropane	6.26	63	71	3.633	ug/l #	7
46) Dibromomethane	6.19	93	142	11.453	ug/l #	3

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47) Bromodichloromethane	6.41	83	61	2.040	ug/l #	25
48) Methyl methacrylate	6.77	41	1052	87.570	ug/l #	46
51) 4-Methyl-2-Pentanone	8.29	43	973	75.697	ug/l #	37
52) Toluene	7.63	92	67	1.346	ug/l #	1
53) t-1,3-Dichloropropene	8.29	75	65	2.501	ug/l #	1
55) 1,1,2-Trichloroethane	8.53	97	72	4.971	ug/l #	14
56) Ethyl methacrylate	8.64	69	63	3.381	ug/l #	40
57) 1,3-Dichloropropane	8.75	76	69	2.715	ug/l #	44
58) 2-Chloroethyl Vinyl ether	7.72	63	149	113.613	ug/l	100
59) 2-Hexanone	9.50	43	1022	105.252	ug/l #	26
67) Ethyl Benzene	9.93	91	62	3.713	ug/l #	44

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

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