

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080418\
 Data File : VF059876.D
 Acq On : 4 Aug 2018 10:42
 Operator : VA/AP
 Sample : J4323-01
 Misc : 6.58g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ES-RO-276

Quant Time: Aug 06 02:17:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 04 07:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	3569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	2960	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	1827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	606	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	522	8.11	ug/l	0.00
Spiked Amount			Recovery	=	16.22%	
35) Dibromofluoromethane	4.29	113	772	26.21	ug/l	0.00
Spiked Amount			Recovery	=	52.42%	
50) Toluene-d8	7.71	98	1686	26.91	ug/l	0.00
Spiked Amount			Recovery	=	53.82%	
62) 4-Bromofluorobenzene	11.51	95	588	16.70	ug/l	0.00
Spiked Amount			Recovery	=	33.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.10	50	99	3.51	ug/l #	42
4) Vinyl Chloride	1.13	62	83	2.87	ug/l #	39
6) Chloroethane	1.38	64	80	4.41	ug/l #	41
8) Diethyl Ether	1.56	74	66	5.26	ug/l #	1
11) Tert butyl alcohol	2.61	59	62	23.89	ug/l #	74
12) 1,1-Dichloroethene	1.91	96	78	2.45	ug/l #	1
13) Acrolein	2.19	56	60	38.58	ug/l #	9
14) Allyl chloride	2.25	41	67	1.26	ug/l #	1
15) Acrylonitrile	3.02	53	67	14.09	ug/l #	13
16) Acetone	2.35	43	60	5.05	ug/l #	70
17) Carbon Disulfide	2.00	76	88	1.03	ug/l #	70
18) Methyl Acetate	2.45	43	203	10.13	ug/l #	74
20) Methylene Chloride	2.25	84	71	Below Cal	#	1
21) trans-1,2-Dichloroethene	2.43	96	63	1.99	ug/l #	1
22) Diisopropyl ether	2.90	45	190	1.86	ug/l #	31
23) Vinyl Acetate	3.31	43	68	1.37	ug/l #	80
25) 2-Butanone	4.51	43	62	4.80	ug/l #	60
26) 2,2-Dichloropropane	3.87	77	79	1.82	ug/l #	66
28) Bromochloromethane	3.84	49	74	2.81	ug/l #	6
29) Tetrahydrofuran	4.30	42	67	14.09	ug/l #	38
31) Cyclohexane	3.88	56	179	4.86	ug/l #	1
36) 1,1-Dichloropropene	4.32	75	64	1.87	ug/l #	46
37) Ethyl Acetate	4.24	43	65	4.42	ug/l #	1
39) Methylcyclohexane	5.69	83	92	3.58	ug/l #	13
40) Benzene	4.97	78	67	Below Cal	#	49
41) Methacrylonitrile	4.97	41	69	8.89	ug/l #	49
43) Isopropyl Acetate	7.10	43	61	4.03	ug/l #	51
45) 1,2-Dichloropropane	6.28	63	62	3.95	ug/l #	50
48) Methyl methacrylate	6.88	41	84	7.13	ug/l #	12
51) 4-Methyl-2-Pentanone	8.41	43	130	8.40	ug/l #	43
52) Toluene	7.85	92	80	1.85	ug/l #	1
53) t-1,3-Dichloropropene	8.38	75	63	1.91	ug/l #	44
54) cis-1,3-Dichloropropene	7.51	75	90	2.64	ug/l #	14
56) Ethyl methacrylate	8.84	69	93	8.44	ug/l #	7

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57) 1,3-Dichloropropane	8.92	76	94	3.52	ug/l #	44
58) 2-Chloroethyl Vinyl ether	7.80	63	62	30.11	ug/l	100
59) 2-Hexanone	9.65	43	373	34.12	ug/l #	34
65) Chlorobenzene	10.09	112	61	1.64	ug/l #	42
68) m/p-Xylenes	10.32	106	87	3.90	ug/l #	1
69) o-Xylene	10.84	106	64	2.71	ug/l #	1
74) N-amyl acetate	11.44	43	89	11.92	ug/l #	48
76) 1,2,3-Trichloropropane	11.97	75	96	15.77	ug/l #	1
77) Bromobenzene	11.57	156	99	9.64	ug/l #	1
81) trans-1,4-Dichloro-2-buten	11.97	75	96	43.91	ug/l #	13
83) tert-Butylbenzene	12.07	119	61	1.79	ug/l #	25
86) p-Isopropyltoluene	12.62	119	63	1.65	ug/l #	49
90) Hexachloroethane	12.95	117	71	6.75	ug/l #	13
91) 1,2-Dichlorobenzene	12.87	146	104	5.56	ug/l #	22
92) 1,2-Dibromo-3-Chloropropan	13.63	75	90	50.38	ug/l #	1
95) Naphthalene	14.37	128	72	2.93	ug/l #	69

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

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