

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070618\
 Data File : VF059456.D
 Acq On : 6 Jul 2018 18:18
 Operator : VA/AP
 Sample : J3854-01
 Misc : 4.68g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S4

Quant Time: Jul 07 01:50:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-5.03
34) 1,4-Difluorobenzene	5.73	114	60	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.89	117	62	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.49	152	80	50.00	ug/l	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	105	0.00	ug/l	0.00
Spiked Amount			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount			Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	11.40	95	66	107.79	ug/l	-0.11
Spiked Amount			Recovery	=	215.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
36) 1,1-Dichloropropene	4.38	75	70	133.55	ug/l #	44
37) Ethyl Acetate	4.22	43	219	671.56	ug/l #	26
39) Methylcyclohexane	5.62	83	92	198.07	ug/l #	74
40) Benzene	4.77	78	69	59.37	ug/l #	51
41) Methacrylonitrile	4.90	41	278	1554.86	ug/l #	26
42) 1,2-Dichloroethane	5.02	62	104	153.15	ug/l	83
43) Isopropyl Acetate	7.05	43	59	135.14	ug/l #	52
44) Trichloroethene	5.54	130	73	183.11	ug/l	1
46) Dibromomethane	6.23	93	69	239.43	ug/l #	4
48) Methyl methacrylate	6.86	41	83	283.65	ug/l #	57
49) 1,4-Dioxane	6.97	88	64	42769.86	ug/l #	20
51) 4-Methyl-2-Pentanone	8.33	43	109	336.99	ug/l #	39
52) Toluene	7.63	92	115	132.24	ug/l #	1
53) t-1,3-Dichloropropene	8.38	75	67	105.37	ug/l #	43
54) cis-1,3-Dichloropropene	7.52	75	69	99.90	ug/l #	23
55) 1,1,2-Trichloroethane	8.65	97	80	236.94	ug/l #	13
57) 1,3-Dichloropropane	8.83	76	90	155.42	ug/l #	44
58) 2-Chloroethyl Vinyl ether	7.84	63	76	2422.77	ug/l	100
59) 2-Hexanone	9.54	43	76	317.32	ug/l #	30
61) 1,2-Dibromoethane	9.24	107	59	144.08	ug/l #	1
67) Ethyl Benzene	9.95	91	74	37.97	ug/l #	44
74) N-amyl acetate	11.45	43	106	62.67	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	11.81	83	62	52.67	ug/l #	24
76) 1,2,3-Trichloropropane	11.78	75	117	131.77	ug/l #	26
78) n-propylbenzene	11.78	91	70	12.51	ug/l #	52
79) 2-Chlorotoluene	11.78	91	70	20.47	ug/l #	40
81) trans-1,4-Dichloro-2-buten	12.00	75	64	121.11	ug/l #	14
82) 4-Chlorotoluene	12.04	91	64	17.47	ug/l #	38
83) tert-Butylbenzene	12.23	119	71	17.39	ug/l #	31
84) 1,2,4-Trimethylbenzene	12.30	105	88	20.47	ug/l #	31
85) sec-Butylbenzene	12.30	105	88	16.26	ug/l #	58
86) p-Isopropyltoluene	12.68	119	67	14.75	ug/l #	50
87) 1,3-Dichlorobenzene	12.53	146	66	28.98	ug/l #	23
88) 1,4-Dichlorobenzene	12.53	146	66	28.58	ug/l #	24

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89) n-Butylbenzene	12.85	91	128	27.76	ug/l #	29
90) Hexachloroethane	13.10	117	72	63.60	ug/l #	10
91) 1,2-Dichlorobenzene	12.84	146	70	29.82	ug/l #	22
92) 1,2-Dibromo-3-Chloropropan	13.75	75	116	444.57	ug/l #	1
95) Naphthalene	14.57	128	62	17.07	ug/l #	69

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

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