

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
 Data File : VF060453.D
 Acq On : 4 Oct 2018 23:12
 Operator : VA/AP
 Sample : J5238-01
 Misc : 5.23/5mL/MSVOA F/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 MT-T-5-8

Quant Time: Oct 05 01:14:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	10663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	11952	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	3756	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.75	152	86	50.00	ug/l	0.13

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	2172	13.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	26.04%	
35) Dibromofluoromethane	4.28	113	2436	21.70	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	43.40%	
50) Toluene-d8	7.69	98	7649	27.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	55.32%	
62) 4-Bromofluorobenzene	11.50	95	550	4.36	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	8.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.97	85	173	Below Cal	#	43
5) Bromomethane	1.27	94	182	1.560	ug/l	82
6) Chloroethane	1.36	64	291	3.871	ug/l #	42
8) Diethyl Ether	1.72	74	64	1.336	ug/l	74
11) Tert butyl alcohol	2.61	59	89	8.819	ug/l #	77
13) Acrolein	2.08	56	77	9.487	ug/l #	16
14) Allyl chloride	2.17	41	644	3.107	ug/l #	48
15) Acrylonitrile	3.04	53	430	24.865	ug/l #	36
16) Acetone	2.31	43	350	Below Cal	#	66
18) Methyl Acetate	2.42	43	281	2.803	ug/l #	57
20) Methylene Chloride	2.25	84	117	Below Cal	#	1
23) Vinyl Acetate	3.29	43	444	2.971	ug/l #	81
25) 2-Butanone	4.49	43	296	6.851	ug/l #	60
26) 2,2-Dichloropropane	3.70	77	196	1.360	ug/l #	61
27) cis-1,2-Dichloroethene	3.68	96	189	1.309	ug/l	1
29) Tetrahydrofuran	4.21	42	61	Below Cal	#	1
37) Ethyl Acetate	4.30	43	76	1.347	ug/l #	1
41) Methacrylonitrile	4.90	41	547	18.282	ug/l #	36
43) Isopropyl Acetate	7.09	43	248	3.637	ug/l #	41
45) 1,2-Dichloropropane	6.48	63	158	2.028	ug/l #	46
48) Methyl methacrylate	6.87	41	654	13.360	ug/l #	56
49) 1,4-Dioxane	6.95	88	59	139.786	ug/l #	1
51) 4-Methyl-2-Pentanone	8.39	43	590	12.154	ug/l #	39
55) 1,1,2-Trichloroethane	8.56	97	92	1.461	ug/l #	18
56) Ethyl methacrylate	8.76	69	84	1.174	ug/l #	1
57) 1,3-Dichloropropane	8.91	76	134	1.258	ug/l #	43
58) 2-Chloroethyl Vinyl ether	7.74	63	79	10.807	ug/l	100
59) 2-Hexanone	9.63	43	405	11.375	ug/l #	27
61) 1,2-Dibromoethane	9.25	107	75	1.088	ug/l #	4
64) Tetrachloroethene	8.32	164	197	6.598	ug/l #	1
65) Chlorobenzene	9.93	112	155	2.009	ug/l #	40
66) 1,1,1,2-Tetrachloroethane	10.17	131	212	6.293	ug/l #	9
67) Ethyl Benzene	10.03	91	204	1.391	ug/l #	47
68) m/p-Xylenes	10.24	106	150	2.974	ug/l #	1

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69) o-Xylene	10.65	106	67	1.219	ug/l #	1
71) Bromoform	10.94	173	103	5.743	ug/l #	32
73) Isopropylbenzene	11.27	105	59	8.713	ug/l #	51
74) N-amyl acetate	11.43	43	773	497.401	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	11.77	83	227	183.875	ug/l #	22
76) 1,2,3-Trichloropropane	11.81	75	104	114.430	ug/l #	60
77) Bromobenzene	11.40	156	65	42.943	ug/l #	41
78) n-propylbenzene	11.69	91	251	30.576	ug/l #	55
79) 2-Chlorotoluene	11.80	91	305	63.516	ug/l #	46
80) 1,3,5-Trimethylbenzene	11.91	105	72	12.515	ug/l #	6
81) trans-1,4-Dichloro-2-buten	12.01	75	71	176.232	ug/l #	15
82) 4-Chlorotoluene	12.00	91	288	58.618	ug/l #	43
83) tert-Butylbenzene	12.20	119	142	25.025	ug/l #	25
84) 1,2,4-Trimethylbenzene	12.39	105	137	24.012	ug/l #	87
85) sec-Butylbenzene	12.39	105	137	17.491	ug/l #	58
86) p-Isopropyltoluene	12.55	119	214	33.443	ug/l #	53
87) 1,3-Dichlorobenzene	12.60	146	59	20.714	ug/l #	1
88) 1,4-Dichlorobenzene	12.60	146	59	21.007	ug/l #	1
89) n-Butylbenzene	12.90	91	855	126.271	ug/l #	28
90) Hexachloroethane	12.95	117	82	49.581	ug/l #	27
91) 1,2-Dichlorobenzene	13.06	146	87	31.879	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.69	75	70	292.485	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.38	180	62	30.395	ug/l #	10
94) Hexachlorobutadiene	14.10	225	75	52.681	ug/l #	17
95) Naphthalene	14.49	128	62	17.000	ug/l #	70
96) 1,2,3-Trichlorobenzene	14.75	180	76	39.746	ug/l #	13

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

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