Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100218\
Data File : VF060409.D
Acq On : 2 Oct 2018 18:27
Operator : VA/AP
Sample : J5170-25RE
Misc : 7.33/5mL/MSVOA_F/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : HC-SOIL-5RE

Quant Time: Oct 03 02:35:25 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	0.00	168	0	0.00	ug/l	-5.01
34) 1,4-Difluorobenzene	5.79	114	66	50.00	ug/l	0.04
63) Chlorobenzene-d5	9.95	117	63	50.00	ug/l	0.05
72) 1,4-Dichlorobenzene-d4	12.53	152	61	50.00	ug/l	-0.09
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.96	65	66	0.00	ug/l	-0.03
Spiked Amount 50.000			Recovery = 0.00%			
35) Dibromofluoromethane	4.24	113	66	106.45	ug/l	-0.02
Spiked Amount 50.000			Recovery = 212.90%			
50) Toluene-d8	7.79	98	74	48.46	ug/l	0.10
Spiked Amount 50.000			Recovery = 96.92%			
62) 4-Bromofluorobenzene	11.46	95	68	97.53	ug/l	-0.02
Spiked Amount 50.000			Recovery = 195.06%			
Target Compounds						Qvalue
36) 1,1-Dichloropropene	4.48	75	65	79.880	ug/l #	45
37) Ethyl Acetate	4.32	43	298	956.327	ug/l #	1
38) Carbon Tetrachloride	4.17	117	67	67.643	ug/l #	13
39) Methylcyclohexane	5.61	83	131	164.215	ug/l #	10
40) Benzene	4.79	78	63	38.999	ug/l #	1
41) Methacrylonitrile	4.97	41	375	2269.677	ug/l #	20
42) 1,2-Dichloroethane	5.09	62	62	80.449	ug/l	83
43) Isopropyl Acetate	7.15	43	1048	2782.999	ug/l #	44
44) Trichloroethene	5.68	130	76	146.626	ug/l	1
45) 1,2-Dichloropropane	6.34	63	76	176.662	ug/l #	46
46) Dibromomethane	6.29	93	70	202.381	ug/l #	9
47) Bromodichloromethane	6.52	83	102	119.071	ug/l #	23
48) Methyl methacrylate	6.90	41	616	2278.815	ug/l #	42
49) 1,4-Dioxane	6.63	88	84	36040.334	ug/l #	25
51) 4-Methyl-2-Pentanone	8.44	43	533	1988.355	ug/l #	39
52) Toluene	7.88	92	82	74.734	ug/l #	1
53) t-1,3-Dichloropropene	8.43	75	82	122.145	ug/l #	44
54) cis-1,3-Dichloropropene	7.47	75	66	84.119	ug/l #	27
55) 1,1,2-Trichloroethane	8.64	97	125	359.415	ug/l #	18
56) Ethyl methacrylate	8.80	69	102	258.097	ug/l #	54
57) 1,3-Dichloropropane	8.96	76	70	118.974	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.86	63	80	1981.780	ug/l	100
59) 2-Hexanone	9.74	43	434	2207.316	ug/l #	27
60) Dibromochloromethane	9.04	129	75	143.227	ug/l #	11
61) 1,2-Dibromoethane	9.23	107	77	202.336	ug/l #	4
65) Chlorobenzene	10.02	112	107	82.680	ug/l #	40
66) 1,1,1,2-Tetrachloroethane	10.12	131	147	260.146	ug/l #	9
67) Ethyl Benzene	10.14	91	89	36.169	ug/l #	47
68) m/p-Xylenes	10.25	106	63	74.478	ug/l #	1
69) o-Xylene	10.79	106	128	138.824	ug/l	36
70) Styrene	10.90	104	94	71.674	ug/l #	29
73) Isopropylbenzene	11.32	105	60	12.492	ug/l #	51
74) N-amyl acetate	11.47	43	447	405.512	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	11.66	83	173	197.566	ug/l #	78

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
76) 1,2,3-Trichloropropane	11.88	75	212	328.859 ug/l		76
77) Bromobenzene	11.62	156	144	134.124 ug/l	#	1
78) n-propylbenzene	11.67	91	123	21.124 ug/l	#	55
79) 2-Chlorotoluene	11.82	91	64	18.790 ug/l	#	46
80) 1,3,5-Trimethylbenzene	11.85	105	139	34.063 ug/l	#	31
81) trans-1,4-Dichloro-2-buten	11.98	75	181	633.393 ug/l	#	15
82) 4-Chlorotoluene	11.96	91	64	18.365 ug/l	#	43
83) tert-Butylbenzene	12.15	119	172	42.734 ug/l	#	25
84) 1,2,4-Trimethylbenzene	12.25	105	116	28.664 ug/l	#	30
85) sec-Butylbenzene	12.39	105	62	11.160 ug/l	#	58
86) p-Isopropyltoluene	12.46	119	73	16.084 ug/l	#	49
89) n-Butylbenzene	12.86	91	65	13.534 ug/l	#	28
90) Hexachloroethane	13.00	117	248	211.410 ug/l	#	27
91) 1,2-Dichlorobenzene	13.01	146	84	43.394 ug/l	#	24
92) 1,2-Dibromo-3-Chloropropan	13.67	75	63	371.120 ug/l	#	4
93) 1,2,4-Trichlorobenzene	14.19	180	63	43.543 ug/l	#	10
95) Naphthalene	14.51	128	73	28.219 ug/l	#	70
96) 1,2,3-Trichlorobenzene	14.64	180	123	90.690 ug/l	#	13

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

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