Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071018\
Data File : VF059485.D
Acq On : 10 Jul 2018 15:37
Operator : VA/AP
Sample : J3896-01RE
Misc : 5.96g/5mL/MSVOA F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : JC-SOILRE

Quant Time: Jul 11 11:07:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 06:35:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	1912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.73	114	1991	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.89	117	1026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	126	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	388	11.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 23.34%			
35) Dibromofluoromethane	4.25	113	218	11.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 22.82%			
50) Toluene-d8	7.70	98	1295	28.82	ug/l	0.02
Spiked Amount 50.000			Recovery = 57.64%			
62) 4-Bromofluorobenzene	11.49	95	216	8.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 17.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.91	85	67	2.49	ug/l #	43
3) Chloromethane	0.98	50	66	4.97	ug/l #	42
5) Bromomethane	1.42	94	61	5.73	ug/l #	4
7) Trichlorofluoromethane	1.51	101	69	2.34	ug/l #	18
8) Diethyl Ether	1.71	74	70	11.33	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	1.96	101	60	3.76	ug/l #	20
12) 1,1-Dichloroethene	1.91	96	90	6.23	ug/l #	1
14) Allyl chloride	2.17	41	155	6.18	ug/l #	1
15) Acrylonitrile	3.03	53	150	54.22	ug/l #	10
16) Acetone	2.30	43	63	12.67	ug/l #	67
18) Methyl Acetate	2.41	43	127	11.00	ug/l #	66
19) Methyl tert-butyl Ether	2.60	73	61	1.30	ug/l #	61
20) Methylene Chloride	2.20	84	85	1.89	ug/l #	5
21) trans-1,2-Dichloroethene	2.40	96	73	4.75	ug/l #	1
22) Diisopropyl ether	2.92	45	151	2.91	ug/l #	75
23) Vinyl Acetate	3.32	43	157	5.20	ug/l #	81
25) 2-Butanone	4.45	43	73	10.77	ug/l #	60
26) 2,2-Dichloropropane	3.74	77	64	3.19	ug/l #	63
29) Tetrahydrofuran	4.14	42	105	33.05	ug/l #	46
30) Chloroform	4.02	83	63	1.28	ug/l #	19
31) Cyclohexane	3.80	56	82	4.07	ug/l #	1
36) 1,1-Dichloropropene	4.34	75	193	9.18	ug/l #	44
37) Ethyl Acetate	4.28	43	73	5.92	ug/l #	23
39) Methylcyclohexane	5.66	83	63	3.57	ug/l #	14
40) Benzene	4.88	78	73	1.77	ug/l #	49
41) Methacrylonitrile	4.90	41	64	11.29	ug/l #	22
42) 1,2-Dichloroethane	4.96	62	62	2.08	ug/l	88
43) Isopropyl Acetate	7.08	43	74	5.24	ug/l #	50
45) 1,2-Dichloropropane	6.37	63	63	5.32	ug/l #	45
47) Bromodichloromethane	6.58	83	65	2.36	ug/l #	22
48) Methyl methacrylate	6.85	41	88	8.73	ug/l #	11
49) 1,4-Dioxane	6.59	88	64	1398.80	ug/l #	15
51) 4-Methyl-2-Pentanone	8.36	43	159	15.10	ug/l #	40
54) cis-1,3-Dichloropropene	7.40	75	71	2.98	ug/l #	1

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56) Ethyl methacrylate	8.71	69	69	5.08	ug/l	#	33
57) 1,3-Dichloropropane	9.08	76	62	3.02	ug/l	#	43
58) 2-Chloroethyl Vinyl ether	7.84	63	82	63.03	ug/l		100
59) 2-Hexanone	9.66	43	170	21.73	ug/l		85
74) N-amyl acetate	11.41	43	221	94.53	ug/l	#	47
75) 1,1,2,2-Tetrachloroethane	11.84	83	70	40.21	ug/l	#	24
76) 1,2,3-Trichloropropane	11.96	75	64	45.15	ug/l	#	41
78) n-propylbenzene	11.59	91	62	6.74	ug/l	#	54
80) 1,3,5-Trimethylbenzene	11.77	105	139	20.48	ug/l	#	28
81) trans-1,4-Dichloro-2-buten	11.96	75	64	87.04	ug/l	#	9
82) 4-Chlorotoluene	12.01	91	79	13.10	ug/l	#	45
83) tert-Butylbenzene	12.20	119	73	11.06	ug/l	#	25
84) 1,2,4-Trimethylbenzene	12.42	105	63	8.83	ug/l	#	32
85) sec-Butylbenzene	12.42	105	63	7.07	ug/l	#	58
86) p-Isopropyltoluene	12.54	119	77	10.11	ug/l	#	50
87) 1,3-Dichlorobenzene	12.43	146	82	20.43	ug/l	#	25
88) 1,4-Dichlorobenzene	12.73	146	70	17.91	ug/l	#	24
89) n-Butylbenzene	12.92	91	78	10.51	ug/l	#	29
91) 1,2-Dichlorobenzene	13.00	146	60	15.07	ug/l	#	23
92) 1,2-Dibromo-3-Chloropropan	13.67	75	63	144.53	ug/l	#	1
93) 1,2,4-Trichlorobenzene	14.40	180	64	21.64	ug/l	#	11

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

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