Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
Data File : VF059707.D
Acq On : 31 Jul 2018 14:15
Operator : VA/AP
Sample : J4140-03
Misc : 12.03g/5mL/MSVOA F/SOIL
ALS Vial : 88 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EPE-F-8(90-92)

Quant Time: Jul 31 14:45:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 05:19:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	11516	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	12115	50.00 ug/l	0.00
63) Chlorobenzene-d5	9.92	117	4615	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	463	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	5.01	65	3737	18.06 ug/l	0.00
Spiked Amount 50.000			Recovery = 36.12%		
35) Dibromofluoromethane	4.28	113	4500	35.76 ug/l	0.00
Spiked Amount 50.000			Recovery = 71.52%		
50) Toluene-d8	7.71	98	10782	36.74 ug/l	0.00
Spiked Amount 50.000			Recovery = 73.48%		
62) 4-Bromofluorobenzene	11.51	95	1233	7.59 ug/l	0.00
Spiked Amount 50.000			Recovery = 15.18%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.86	85	60	Below Cal #	44
3) Chloromethane	1.09	50	440	1.839 ug/l #	83
4) Vinyl Chloride	1.17	62	63	Below Cal #	47
5) Bromomethane	1.18	94	90	Below Cal #	4
6) Chloroethane	1.42	64	69	Below Cal #	1
8) Diethyl Ether	1.68	74	80	2.176 ug/l #	1
11) Tert butyl alcohol	2.68	59	62	6.005 ug/l #	74
12) 1,1-Dichloroethene	1.88	96	111	1.245 ug/l #	1
13) Acrolein	1.98	56	59	28.695 ug/l #	4
15) Acrylonitrile	3.09	53	62	4.698 ug/l #	7
16) Acetone	2.31	43	416	11.175 ug/l #	68
17) Carbon Disulfide	1.95	76	74	Below Cal #	71
18) Methyl Acetate	2.42	43	201	Below Cal #	64
20) Methylene Chloride	2.28	84	86	Below Cal #	1
25) 2-Butanone	4.51	43	70	1.685 ug/l #	74
28) Bromochloromethane	3.96	49	67	Below Cal #	15
29) Tetrahydrofuran	4.20	42	77	4.822 ug/l #	39
31) Cyclohexane	3.84	56	62	Below Cal #	15
36) 1,1-Dichloropropene	4.51	75	74	Below Cal #	46
37) Ethyl Acetate	4.35	43	73	Below Cal #	19
39) Methylcyclohexane	5.56	83	158	Below Cal #	13
41) Methacrylonitrile	4.92	41	79	Below Cal #	51
45) 1,2-Dichloropropane	6.36	63	67	1.037 ug/l #	43
46) Dibromomethane	6.37	93	74	1.206 ug/l #	8
48) Methyl methacrylate	6.81	41	64	1.175 ug/l #	13
49) 1,4-Dioxane	7.10	88	64	105.461 ug/l #	21
51) 4-Methyl-2-Pentanone	8.42	43	235	4.264 ug/l #	42
56) Ethyl methacrylate	8.74	69	129	1.867 ug/l #	14
58) 2-Chloroethyl Vinyl ether	7.81	63	68	8.523 ug/l	100
59) 2-Hexanone	9.62	43	402	9.103 ug/l #	30
64) Tetrachloroethene	8.31	164	62	Below Cal #	1
66) 1,1,1,2-Tetrachloroethane	10.07	131	64	1.485 ug/l #	63
68) m/p-Xylenes	10.15	106	67	Below Cal #	1
71) Bromoform	10.99	173	69	2.457 ug/l #	30

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
73) Isopropylbenzene	11.29	105	62	2.041 ug/l #	50
74) N-amyl acetate	11.46	43	622	81.154 ug/l #	44
75) 1,1,2,2-Tetrachloroethane	11.74	83	73	12.765 ug/l #	25
76) 1,2,3-Trichloropropane	11.81	75	67	13.778 ug/l #	1
77) Bromobenzene	11.59	156	69	8.698 ug/l #	36
79) 2-Chlorotoluene	11.90	91	73	Below Cal #	44
81) trans-1,4-Dichloro-2-buten	12.03	75	59	29.297 ug/l #	9
82) 4-Chlorotoluene	11.90	91	73	Below Cal #	44
83) tert-Butylbenzene	12.33	119	66	2.420 ug/l #	26
86) p-Isopropyltoluene	12.57	119	132	Below Cal #	49
87) 1,3-Dichlorobenzene	12.64	146	66	Below Cal #	24
88) 1,4-Dichlorobenzene	12.64	146	66	1.050 ug/l #	24
89) n-Butylbenzene	12.91	91	93	Below Cal #	29
90) Hexachloroethane	12.94	117	65	8.483 ug/l #	18
93) 1,2,4-Trichlorobenzene	14.22	180	67	2.054 ug/l #	12
95) Naphthalene	14.50	128	350	17.533 ug/l #	70
96) 1,2,3-Trichlorobenzene	14.65	180	75	6.797 ug/l #	13

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

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