Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF080218\
Data File : VF059814.D
Acq On : 2 Aug 2018 21:30
Operator : VA/AP
Sample : J4164-10
Misc : 8.38g/5mL/MSVOA_F/SOIL
ALS Vial : 93 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-2

Quant Time: Aug 03 07:06:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	4007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	2967	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	1655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	319	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.98	65	1178	16.36	ug/l	-0.04
Spiked Amount 50.000			Recovery = 32.72%			
35) Dibromofluoromethane	4.27	113	989	32.09	ug/l	-0.02
Spiked Amount 50.000			Recovery = 64.18%			
50) Toluene-d8	7.70	98	2446	34.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 68.08%			
62) 4-Bromofluorobenzene	11.50	95	437	10.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 21.96%			
Target Compounds						Qvalue
3) Chloromethane	1.15	50	85	Below Cal	#	38
5) Bromomethane	1.22	94	79	Below Cal	#	4
10) Methyl Iodide	2.08	142	87	Below Cal	#	20
11) Tert butyl alcohol	2.66	59	73	23.82	ug/l #	74
12) 1,1-Dichloroethene	1.99	96	64	2.06	ug/l #	8
13) Acrolein	1.98	56	61	53.60	ug/l	91
14) Allyl chloride	2.16	41	191	3.86	ug/l #	1
15) Acrylonitrile	3.06	53	70	15.10	ug/l #	7
16) Acetone	2.34	43	160	12.35	ug/l #	68
17) Carbon Disulfide	1.85	76	462	1.97	ug/l #	71
18) Methyl Acetate	2.34	43	160	3.32	ug/l #	64
20) Methylene Chloride	2.37	84	70	Below Cal	#	1
23) Vinyl Acetate	3.31	43	64	1.19	ug/l #	83
26) 2,2-Dichloropropane	3.65	77	63	1.21	ug/l #	66
28) Bromochloromethane	3.85	49	72	Below Cal	#	15
29) Tetrahydrofuran	4.32	42	103	18.54	ug/l #	39
31) Cyclohexane	3.90	56	77	Below Cal	#	15
37) Ethyl Acetate	4.14	43	105	2.71	ug/l #	19
38) Carbon Tetrachloride	4.11	117	60	1.27	ug/l #	14
39) Methylcyclohexane	5.73	83	64	Below Cal	#	13
40) Benzene	4.73	78	172	2.87	ug/l #	52
41) Methacrylonitrile	4.88	41	62	5.82	ug/l #	24
42) 1,2-Dichloroethane	5.09	62	65	1.55	ug/l	85
43) Isopropyl Acetate	7.07	43	70	3.95	ug/l #	46
44) Trichloroethene	5.73	130	70	Below Cal		2
45) 1,2-Dichloropropane	6.32	63	63	3.98	ug/l #	43
47) Bromodichloromethane	6.54	83	77	1.88	ug/l #	25
48) Methyl methacrylate	6.85	41	113	8.47	ug/l #	13
49) 1,4-Dioxane	6.93	88	60	699.96	ug/l #	21
51) 4-Methyl-2-Pentanone	8.37	43	75	5.56	ug/l #	42
55) 1,1,2-Trichloroethane	8.52	97	67	4.13	ug/l #	14
57) 1,3-Dichloropropane	8.96	76	70	2.51	ug/l #	41
58) 2-Chloroethyl Vinyl ether	7.78	63	63	32.24	ug/l	100
59) 2-Hexanone	9.58	43	61	5.64	ug/l #	30

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
60) Dibromochloromethane	8.71	129	75	2.62 ug/l #	12
66) 1,1,1,2-Tetrachloroethane	10.14	131	66	4.27 ug/l #	9
67) Ethyl Benzene	9.92	91	111	1.94 ug/l #	46
74) N-amyl acetate	11.44	43	75	14.20 ug/l #	48
75) 1,1,2,2-Tetrachloroethane	11.66	83	73	18.53 ug/l #	25
76) 1,2,3-Trichloropropane	11.77	75	73	21.79 ug/l #	39
77) Bromobenzene	11.56	156	60	10.98 ug/l #	1
78) n-propylbenzene	11.68	91	105	Below Cal #	54
79) 2-Chlorotoluene	11.82	91	135	6.15 ug/l #	44
80) 1,3,5-Trimethylbenzene	11.82	105	61	Below Cal #	31
82) 4-Chlorotoluene	12.01	91	75	1.29 ug/l #	44
83) tert-Butylbenzene	12.24	119	66	3.51 ug/l #	26
86) p-Isopropyltoluene	12.55	119	79	Below Cal #	49
89) n-Butylbenzene	12.92	91	73	Below Cal #	29
92) 1,2-Dibromo-3-Chloropropan	13.80	75	59	61.25 ug/l #	9
94) Hexachlorobutadiene	14.23	225	63	12.04 ug/l #	19
95) Naphthalene	14.53	128	76	5.53 ug/l #	70

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

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