Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012120.D
Acq On : 13 Oct 2017 04:04
Operator : SJ/JU
Sample : I5533-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-56(1-2)-092717

Manual Integrations APPROVED
Sohil
10/15/2017 12:37:01 PM

Quant Time: Oct 13 06:32:06 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	412244	20.00	ng/ul	0.01
18) Naphthalene-d8	10.65	136	1697463	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.50	164	895930	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.24	188	1669967	20.00	ng/ul	0.02
75) Chrysene-d12	21.43	240	1928719	20.00	ng/ul	0.02
83) Perylene-d12	23.77	264	2132436	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	37249m	4.29	ng/uL	0.00
5) Phenol-d5	7.01	99	800931	23.95	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.17	67	471279	23.49	ng/ul	0.01
9) 2-Chlorophenol-d4	7.37	132	690559	24.34	ng/ul	0.02
13) 4-Methylphenol-d8	8.56	113	683136	23.72	ng/ul	0.02
19) Nitrobenzene-d5	9.01	128	332805	25.69	ng/ul	0.01
22) 2-Nitrophenol-d4	9.73	143	364631	24.09	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.27	165	722465	25.00	ng/ul	0.02
29) 4-Chloroaniline-d4	10.79	131	343495m	12.70	ng/ul	0.02
43) Dimethylphthalate-d6	13.90	166	2132485	26.93	ng/ul	0.01
46) Acenaphthylene-d8	14.19	160	2547355	26.58	ng/ul	0.02
51) 4-Nitrophenol-d4	14.72	143	216693	18.20	ng/ul	0.03
57) Fluorene-d10	15.49	176	1660816	25.55	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.63	200	57738	5.04	ng/ul	0.03
70) Anthracene-d10	17.34	188	2301796	27.88	ng/ul	0.02
76) Pyrene-d10	19.64	212	2405260	24.57	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.62	264	2836124	27.59	ng/ul	0.05
Target Compounds						Qvalue
6) Phenol	7.04	94	77981	2.26	ng/ul	90
14) Acetophenone	8.67	105	60457	1.38	ng/ul	95
28) Naphthalene	10.70	128	381247	4.34	ng/ul	100
34) 2-Methylnaphthalene	12.31	142	118226	1.78	ng/ul	98
44) Dimethylphthalate	13.94	163	492612	6.21	ng/ul	99
69) Phenanthrene	17.29	178	1030502	10.85	ng/ul	99
71) Anthracene	17.37	178	284996	2.90	ng/ul	96
74) Fluoranthene	19.30	202	2134637	18.62	ng/ul#	92
77) Pyrene	19.67	202	1978785	15.54	ng/ul#	91
80) Benzo(a)anthracene	21.41	228	1203459	9.59	ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.32	149	327080	3.84	ng/ul#	88
82) Chrysene	21.46	228	1342884	11.40	ng/ul#	90
85) Benzo(b)fluoranthene	23.06	252	1934854	13.90	ng/ul#	82
86) Benzo(k)fluoranthene	23.10	252	533986m	3.98	ng/ul	
88) Benzo(a)pyrene	23.67	252	1299770	9.91	ng/ul#	83
89) Indeno(1,2,3-cd)pyrene	26.18	276	925628	6.65	ng/ul#	85
91) Benzo(g,h,i)perylene	26.93	276	974913	8.55	ng/ul#	80

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

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