Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012125.D
Acq On : 13 Oct 2017 07:04
Operator : SJ/JU
Sample : I5533-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-53(0-1)-092817

Manual Integrations APPROVED
Sohil
10/15/2017 12:37:09 PM

Quant Time: Oct 14 23:56:56 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	7.85	152	222200	20.00	ng/ul	0.02
18) Naphthalene-d8	10.66	136	837765	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.50	164	453726	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.26	188	980782	20.00	ng/ul	0.03
75) Chrysene-d12	21.44	240	1455719	20.00	ng/ul	0.04
83) Perylene-d12	23.79	264	1553433m	20.00	ng/ul	0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	27776	5.94	ng/uL	0.01
5) Phenol-d5	7.03	99	487315	27.03	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.17	67	332981	30.80	ng/ul	0.02
9) 2-Chlorophenol-d4	7.38	132	456329	29.84	ng/ul	0.02
13) 4-Methylphenol-d8	8.57	113	358750	23.11	ng/ul	0.03
19) Nitrobenzene-d5	9.02	128	214893	33.61	ng/ul	0.02
22) 2-Nitrophenol-d4	9.75	143	219698	29.41	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.29	165	434554	30.47	ng/ul	0.03
29) 4-Chloroaniline-d4	10.80	131	289478	21.69	ng/ul	0.03
43) Dimethylphthalate-d6	13.91	166	1332355	33.22	ng/ul	0.02
46) Acenaphthylene-d8	14.20	160	1669139	34.38	ng/ul	0.02
51) 4-Nitrophenol-d4	14.74	143	131122	21.75	ng/ul	0.05
57) Fluorene-d10	15.50	176	1111108	33.76	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.66	200	33525	4.98	ng/ul	0.05
70) Anthracene-d10	17.36	188	1711100	35.28	ng/ul	0.04
76) Pyrene-d10	19.66	212	2096171	28.37	ng/ul	0.04
87) Benzo(a)pyrene-d12	23.64	264	2525135m	33.72	ng/ul	0.07
Target Compounds						Qvalue
6) Phenol	7.06	94	52472	2.82	ng/ul#	85
28) Naphthalene	10.71	128	60754	1.40	ng/ul	98
44) Dimethylphthalate	13.96	163	314618	7.83	ng/ul	98
47) Acenaphthylene	14.23	152	860237	18.05	ng/ul	99
49) Acenaphthene	14.57	153	112609	3.51	ng/ul	97
53) Dibenzofuran	14.90	168	54407	1.18	ng/ul	97
58) Fluorene	15.56	166	111040	2.89	ng/ul	96
69) Phenanthrene	17.30	178	2907227	52.11	ng/ul	99
71) Anthracene	17.39	178	882704	15.28	ng/ul	98
72) Carbazole	17.66	167	225168	4.61	ng/ul	97
74) Fluoranthene	19.32	202	9316691	138.37	ng/ul#	90
77) Pyrene	19.69	202	10063205	104.67	ng/ul#	88
80) Benzo(a)anthracene	21.43	228	7360270	77.70	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.32	149	503259	7.84	ng/ul#	95
82) Chrysene	21.48	228	6922689	77.84	ng/ul	94
85) Benzo(b)fluoranthene	23.09	252	9127337	90.04	ng/ul#	96
86) Benzo(k)fluoranthene	23.12	252	3497936m	35.81	ng/ul	
88) Benzo(a)pyrene	23.69	252	6552567m	68.58	ng/ul	
89) Indeno(1,2,3-cd)pyrene	26.21	276	4628556m	45.62	ng/ul	
90) Dibenzo(a,h)anthracene	26.20	278	1288003m	15.10	ng/ul	
91) Benzo(g,h,i)perylene	26.96	276	4128851m	49.68	ng/ul	

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

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