Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101217\
Data File : BM012126.D
Acq On : 13 Oct 2017 07:40
Operator : SJ/JU
Sample : I5568-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-51(1-2)-092817

Manual Integrations APPROVED
Sohil
6/22/2018 4:49:01 PM

Quant Time: Oct 24 05:24:13 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	312376	20.00	ng/ul	0.02
18) Naphthalene-d8	10.66	136	1239387	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.50	164	695250	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.25	188	1496791	20.00	ng/ul	0.02
75) Chrysene-d12	21.44	240	2057623	20.00	ng/ul	0.04
83) Perylene-d12	23.80	264	2323971	20.00	ng/ul	0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	14355	2.18	ng/uL	0.00
5) Phenol-d5	7.02	99	367415	14.50	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.17	67	228016	15.00	ng/ul	0.02
9) 2-Chlorophenol-d4	7.38	132	333818	15.53	ng/ul	0.02
13) 4-Methylphenol-d8	8.57	113	316784	14.52	ng/ul	0.03
19) Nitrobenzene-d5	9.02	128	156310	16.53	ng/ul	0.02
22) 2-Nitrophenol-d4	9.74	143	155065	14.03	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.29	165	333116	15.79	ng/ul	0.03
29) 4-Chloroaniline-d4	10.80	131	88363	4.47	ng/ul	0.03
43) Dimethylphthalate-d6	13.90	166	1013836	16.50	ng/ul	0.02
46) Acenaphthylene-d8	14.20	160	1297410	17.44	ng/ul	0.02
51) 4-Nitrophenol-d4	14.74	143	98083	10.62	ng/ul	0.05
57) Fluorene-d10	15.50	176	869629	17.24	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.65	200	10609m	1.03	ng/ul	0.05
70) Anthracene-d10	17.35	188	1335053	18.04	ng/ul	0.03
76) Pyrene-d10	19.65	212	1553498	14.87	ng/ul	0.04
87) Benzo(a)pyrene-d12	23.65	264	1980062	17.67	ng/ul	0.08
Target Compounds						Qvalue
28) Naphthalene	10.70	128	479250	7.47	ng/ul	99
40) 1,1'-Biphenyl	13.33	154	744153	12.68	ng/ul	99
42) 2-Nitroaniline	13.59	65	82252	6.42	ng/ul	88
69) Phenanthrene	17.30	178	491987	5.78	ng/ul	99
71) Anthracene	17.39	178	123402	1.40	ng/ul	97
74) Fluoranthene	19.32	202	1095643	10.66	ng/ul#	93
77) Pyrene	19.68	202	1003628	7.39	ng/ul#	90
80) Benzo(a)anthracene	21.42	228	776748	5.80	ng/ul#	84
81) Bis(2-ethylhexyl)phthalate	21.32	149	1341007	14.77	ng/ul	99
82) Chrysene	21.47	228	1024968m	8.15	ng/ul	
85) Benzo(b)fluoranthene	23.08	252	1347444	8.88	ng/ul#	78
86) Benzo(k)fluoranthene	23.12	252	362551m	2.48	ng/ul	
88) Benzo(a)pyrene	23.70	252	847553	5.93	ng/ul#	73
89) Indeno(1,2,3-cd)pyrene	26.24	276	607994	4.01	ng/ul#	74
90) Dibenzo(a,h)anthracene	26.23	278	228225m	1.79	ng/ul	
91) Benzo(g,h,i)perylene	27.00	276	622911	5.01	ng/ul#	66

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

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