Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100917\
Data File : BM012036.D
Acq On : 10 Oct 2017 05:17
Operator : SJ/JU
Sample : I5533-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-54(7-8)-092817

Manual Integrations APPROVED
Sohil
10/10/2017 5:06:06 PM

Quant Time: Oct 10 07:55:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 02:27:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	270639	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1194292	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	728167	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1716049	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2093245	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1951472	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	21063	3.68	ng/uL	0.00
5) Phenol-d5	7.00	99	409913	17.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	261968	19.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	373348	19.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	369388	18.35	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	172733	20.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	196487	20.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	381125	19.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	353218	16.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1302857	20.64	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1570006	21.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	114574	10.39	ng/ul	0.00
57) Fluorene-d10	15.49	176	1156251	20.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	104653	9.06	ng/ul	0.00
70) Anthracene-d10	17.33	188	1879164	22.22	ng/ul	0.00
76) Pyrene-d10	19.63	212	2248177	23.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	2079948	22.16	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.03	94	55430	2.406	ng/ul#	84
16) 4-Methylphenol	8.60	108	92319	4.707	ng/ul#	78
44) Dimethylphthalate	13.95	163	325029	5.353	ng/ul	98
69) Phenanthrene	17.27	178	594703	6.300	ng/ul	100
71) Anthracene	17.37	178	174401m	1.816	ng/ul	
74) Fluoranthene	19.29	202	2570751	22.321	ng/ul#	90
77) Pyrene	19.66	202	2690186	23.178	ng/ul#	89
80) Benzo(a)anthracene	21.40	228	2083470	17.374	ng/ul	97
82) Chrysene	21.45	228	1862341	16.345	ng/ul	98
85) Benzo(b)fluoranthene	23.03	252	2090899	17.627	ng/ul#	95
86) Benzo(k)fluoranthene	23.07	252	628676m	5.309	ng/ul	
88) Benzo(a)pyrene	23.63	252	1516712	13.307	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.10	276	739371	6.062	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.09	278	211660	2.112	ng/ul#	71
91) Benzo(g,h,i)perylene	26.83	276	618839	6.134	ng/ul#	92

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

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