Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012739.D
Acq On : 05 Nov 2017 10:12
Operator : SJ/JU
Sample : I5825-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-63(1-3)-101117

Manual Integrations APPROVED
Sohil
11/6/2017 4:24:55 PM

Quant Time: Nov 06 05:46:22 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	116772	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	438696	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	252881	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	566699m	20.00	ng/ul	0.01
77) Chrysene-d12	21.38	240	653116	20.00	ng/ul	0.00
85) Perylene-d12	23.67	264	732156	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	1932	0.89	ng/uL	0.00
5) Phenol-d5	6.99	99	42484	4.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	23840	5.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	38641	5.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	37720	5.03	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	17657	5.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	19332	5.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	39847	5.24	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	28255	3.85	ng/ul	0.01
43) Dimethylphthalate-d6	13.86	166	122052	5.83	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	150701	5.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	12640	3.77	ng/ul	0.02
57) Fluorene-d10	15.44	176	104969	5.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	2724	0.73	ng/ul	0.02
70) Anthracene-d10	17.30	188	164505	6.01	ng/ul	0.00
78) Pyrene-d10	19.59	212	187249	6.18	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.53	264	209815	6.06	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.66	128	78645	3.586	ng/ul	98
34) 2-Methylnaphthalene	12.27	142	31041	1.852	ng/ul	99
44) Dimethylphthalate	13.91	163	23364	1.125	ng/ul#	97
49) Acenaphthene	14.52	153	229850	13.448	ng/ul	97
53) Dibenzofuran	14.85	168	199722	8.012	ng/ul	94
58) Fluorene	15.50	166	309950	14.968	ng/ul	99
69) Phenanthrene	17.25	178	3774273m	121.850	ng/ul	
71) Anthracene	17.33	178	937812	29.201	ng/ul	100
74) Carbazole	17.60	167	314388	11.737	ng/ul	98
75) Di-n-butylphthalate	18.16	149	712559	22.703	ng/ul	100
76) Fluoranthene	19.26	202	4962655	133.327	ng/ul#	94
79) Pyrene	19.63	202	3902637	100.153	ng/ul#	92
82) Benzo(a)anthracene	21.37	228	1967709	49.789	ng/ul	99
84) Chrysene	21.42	228	1785054	49.838	ng/ul	97
87) Benzo(b)fluoranthene	22.99	252	2355734	52.650	ng/ul#	97
88) Benzo(k)fluoranthene	23.03	252	793015m	18.646	ng/ul	
90) Benzo(a)pyrene	23.57	252	1730944m	40.656	ng/ul	
91) Indeno(1,2,3-cd)pyrene	26.00	276	1133007	22.081	ng/ul#	84
92) Dibenzo(a,h)anthracene	26.00	278	288037	6.631	ng/ul#	80
93) Benzo(g,h,i)perylene	26.71	276	982038	23.226	ng/ul#	90

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

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