Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010571.D
Acq On : 13 Jun 2017 21:45
Operator : SJ/MA
Sample : I3522-15 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D31

Manual Integrations APPROVED
mohammad
6/14/2017 2:57:40 PM

Quant Time: Jun 14 14:03:20 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	96838	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	326224	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	216020	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	562210	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	885831	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	921548	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	910	0.39	ng/uL	0.02
5) Phenol-d5	7.07	99	12798	1.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	8080	1.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	10413	1.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	11561	1.95	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	5547m	2.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.77	143	5226	1.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	10665	1.88	ng/ul	0.01
29) 4-Chloroaniline-d4	10.85	131	12963	2.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	48746	2.72	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	51154	2.44	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.51	176	44010	2.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.37	188	77222	2.82	ng/ul	0.00
76) Pyrene-d10	19.66	212	101404	2.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	112948	2.63	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.73	128	38799	2.371	ng/ul	97
34) 2-Methylnaphthalene	12.34	142	26665	2.149	ng/ul	96
44) Dimethylphthalate	13.98	163	29680	1.681	ng/ul#	99
47) Acenaphthylene	14.24	152	67037	3.276	ng/ul	98
53) Dibenzofuran	14.92	168	58555	2.760	ng/ul	87
58) Fluorene	15.57	166	116941	6.719	ng/ul#	93
69) Phenanthrene	17.31	178	500896	16.689	ng/ul	97
71) Anthracene	17.40	178	4186401	133.609	ng/ul	99
72) Carbazole	17.69	167	1205983	45.473	ng/ul	97
74) Fluoranthene	19.32	202	1290988	34.978	ng/ul#	95
77) Pyrene	19.69	202	1157687	25.361	ng/ul#	92
80) Benzo(a)anthracene	21.42	228	770177	15.418	ng/ul	97
82) Chrysene	21.47	228	886648	19.635	ng/ul	93
85) Benzo(b)fluoranthene	23.06	252	1646734	30.709	ng/ul	97
86) Benzo(k)fluoranthene	23.10	252	414963m	8.100	ng/ul	
88) Benzo(a)pyrene	23.66	252	742082m	13.961	ng/ul	
89) Indeno(1,2,3-cd)pyrene	26.13	276	572425	8.524	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.14	278	146768	2.538	ng/ul#	95
91) Benzo(g,h,i)perylene	26.88	276	420223	7.596	ng/ul	94

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

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