Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010663.D
Acq On : 22 Jun 2017 17:09
Operator : SJ/JU
Sample : I3522-15DL 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D31DL

Manual Integrations APPROVED
mohammad
6/26/2017 8:23:58 AM

Quant Time: Jun 23 11:13:47 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 23 01:03:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	50662	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	230753	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	159466	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	403530	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	499370	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	467304	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.65	99	2695	0.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	1988	0.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	1907	0.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	2138	0.53	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	917	0.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	636	0.34	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.86	165	2287	0.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	3133	0.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	10776	0.77	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	11713	0.72	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.12	176	10084	0.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	16.97	188	15849m	0.81	ng/ul	0.00
76) Pyrene-d10	19.27	212	19850	0.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	18247	0.81	ng/ul	0.00
Target Compounds						Qvalue
58) Fluorene	15.17	166	25374	1.913	ng/ul	98
69) Phenanthrene	16.91	178	112996	5.267	ng/ul	98
71) Anthracene	17.00	178	777908	35.196	ng/ul	99
72) Carbazole	17.27	167	257620	13.360	ng/ul	98
74) Fluoranthene	18.94	202	252044	9.116	ng/ul	99
77) Pyrene	19.30	202	229251	7.948	ng/ul#	97
80) Benzo(a)anthracene	21.06	228	131616	4.526	ng/ul	97
82) Chrysene	21.12	228	159265	6.143	ng/ul	95
85) Benzo(b)fluoranthene	22.59	252	258305	8.515	ng/ul	100
86) Benzo(k)fluoranthene	22.62	252	82174m	2.857	ng/ul	
88) Benzo(a)pyrene	23.13	252	114738	4.109	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.33	276	75985	2.623	ng/ul	98
91) Benzo(g,h,i)perylene	25.97	276	53213	2.308	ng/ul#	91

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

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