Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010678.D
Acq On : 23 Jun 2017 02:08
Operator : SJ/JU
Sample : I3653-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20

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Quant Time: Jun 23 13:29:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 23 05:06:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	89094	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	394094	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.12	164	270582	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	628565	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	690857	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	522164	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	793	0.51	ng/uL	0.00
5) Phenol-d5	6.65	99	22212	2.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	12764	2.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	18992	3.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	19938	2.83	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	11874	4.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	9738	3.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	21085	3.09	ng/ul	0.01
29) 4-Chloroaniline-d4	10.42	131	64854m	9.03	ng/ul	0.05
43) Dimethylphthalate-d6	13.54	166	81825	3.44	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	86149	3.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	16392	3.92	ng/ul	0.00
57) Fluorene-d10	15.12	176	69420	3.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.26	200	8514	2.21	ng/ul	0.02
70) Anthracene-d10	16.98	188	112383m	3.70	ng/ul	0.01
76) Pyrene-d10	19.28	212	128150	3.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	91623	3.63	ng/ul	0.00
Target Compounds						Qvalue
16) 4-Methylphenol	8.23	108	7973	1.088	ng/ul	85
24) 2,4-Dimethylphenol	9.43	107	25116	2.874	ng/ul	90
28) Naphthalene	10.30	128	24991527m	1274.306	ng/ul	
34) 2-Methylnaphthalene	11.92	142	5638442	357.653	ng/ul	96
40) 1,1'-Biphenyl	12.94	154	1285146	60.751	ng/ul	99
44) Dimethylphthalate	13.59	163	29620	1.272	ng/ul	100
47) Acenaphthylene	13.83	152	241153	9.164	ng/ul#	92
49) Acenaphthene	14.19	153	4243043	239.024	ng/ul	100
53) Dibenzofuran	14.53	168	4878421	181.467	ng/ul	91
58) Fluorene	15.19	166	5133454	228.073	ng/ul	98
69) Phenanthrene	16.93	178	19733641m	590.530	ng/ul	
71) Anthracene	17.02	178	3669676	106.592	ng/ul	99
72) Carbazole	17.29	167	2417155	80.475	ng/ul	98
74) Fluoranthene	18.96	202	13406440	311.298	ng/ul#	89
77) Pyrene	19.33	202	8611337	215.801	ng/ul#	95
80) Benzo(a)anthracene	21.07	228	2389860	59.403	ng/ul	98
82) Chrysene	21.13	228	1806510	50.363	ng/ul	98
85) Benzo(b)fluoranthene	22.59	252	1091556	32.204	ng/ul	99
86) Benzo(k)fluoranthene	22.63	252	347916m	10.827	ng/ul	
88) Benzo(a)pyrene	23.13	252	598758	19.188	ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	25.33	276	166782	5.153	ng/ul	98
90) Dibenzo(a,h)anthracene	25.33	278	52300	1.939	ng/ul#	94
91) Benzo(g,h,i)perylene	25.97	276	94597	3.672	ng/ul	100

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

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