Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005989.D
Acq On : 25 Jun 2016 05:13
Operator : UM/SJ
Sample : H3612-14 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z32

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Quant Time: Jun 27 03:15:31 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 24 23:55:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	137417	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	624695	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	331049	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	623525	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	546459	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	594702	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	2821	0.82	ng/uL	0.00
5) Phenol-d5	6.83	99	128843	10.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	79585	10.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	98639	10.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	98974	10.68	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	46787	10.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	49764	10.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	94439	10.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	58620	5.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	274523	10.44	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	348542	10.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	29366	5.71	ng/ul	0.00
57) Fluorene-d10	15.30	176	236816	10.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	19851	6.39	ng/ul	0.00
70) Anthracene-d10	17.16	188	327214	11.52	ng/ul	0.00
76) Pyrene-d10	19.46	212	314504	12.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	297230	11.09	ng/ul	0.01
Target Compounds						Qvalue
14) Acetophenone	8.48	105	22375	1.57	ng/ul	98
28) Naphthalene	10.49	128	323426	10.38	ng/ul	98
34) 2-Methylnaphthalene	12.11	142	105530	4.62	ng/ul	98
40) 1,1'-Biphenyl	13.14	154	44158	1.62	ng/ul	97
44) Dimethylphthalate	13.77	163	192044	7.23	ng/ul	99
47) Acenaphthylene	14.03	152	35309	1.01	ng/ul#	89
49) Acenaphthene	14.37	153	404323	18.32	ng/ul	99
53) Dibenzofuran	14.71	168	387094	12.15	ng/ul	99
58) Fluorene	15.36	166	427424	17.21	ng/ul	97
69) Phenanthrene	17.10	178	4780037	141.22	ng/ul	99
71) Anthracene	17.19	178	808884	23.39	ng/ul	99
72) Carbazole	17.46	167	868534	29.21	ng/ul	99
74) Fluoranthene	19.13	202	5451149	146.84	ng/ul	97
77) Pyrene	19.49	202	4206986	125.89	ng/ul	99
78) Butylbenzylphthalate	20.40	149	22087	1.58	ng/ul	88
80) Benzo(a)anthracene	21.23	228	2134930	65.84	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.17	149	346113	17.68	ng/ul	99
82) Chrysene	21.29	228	2208506	73.81	ng/ul	98
85) Benzo(b)fluoranthene	22.81	252	2932458	81.18	ng/ul	99
86) Benzo(k)fluoranthene	22.85	252	927127m	28.19	ng/ul	
88) Benzo(a)pyrene	23.37	252	1843086	54.93	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.69	276	1411457	37.71	ng/ul	96
90) Dibenzo(a,h)anthracene	25.69	278	367956m	11.91	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	26.37	276	1295410	40.13	ng/ul	97

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

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