Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006506.D
Acq On : 17 Jul 2016 08:45
Operator : UM/SJ
Sample : H3959-03 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ22

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Quant Time: Jul 18 08:11:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 18 07:39:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	126122	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	511883	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	290470	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	648247	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	687349	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	823600	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	6.80	99	15986	1.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	11157	1.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	12803	1.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	12541	1.53	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	6429	1.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	5875	1.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	11669	1.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	14465	1.67	ng/ul	0.01
43) Dimethylphthalate-d6	13.68	166	42134	1.77	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	51824	1.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	3403	0.82	ng/ul	0.01
57) Fluorene-d10	15.26	176	42578	2.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	1306	0.35	ng/ul	0.02
70) Anthracene-d10	17.12	188	65427m	2.14	ng/ul	0.00
76) Pyrene-d10	19.42	212	70662	2.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	79403	2.11	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.47	128	18070536	695.51	ng/ul	97
34) 2-Methylnaphthalene	12.06	142	1379197	70.44	ng/ul	98
40) 1,1'-Biphenyl	13.09	154	440541	18.39	ng/ul	99
44) Dimethylphthalate	13.73	163	29691	1.23	ng/ul	97
47) Acenaphthylene	13.99	152	189157	6.18	ng/ul#	96
49) Acenaphthene	14.33	153	1996075	101.35	ng/ul	98
53) Dibenzofuran	14.67	168	1613540	56.28	ng/ul	97
58) Fluorene	15.32	166	1627943	70.98	ng/ul	100
69) Phenanthrene	17.07	178	6070306	170.30	ng/ul	98
71) Anthracene	17.15	178	2665663	72.71	ng/ul	99
72) Carbazole	17.42	167	429035	13.84	ng/ul	99
74) Fluoranthene	19.09	202	5535772m	133.64	ng/ul	
77) Pyrene	19.45	202	4647164	113.23	ng/ul#	94
80) Benzo(a)anthracene	21.20	228	2408037	57.40	ng/ul	96
82) Chrysene	21.26	228	2351907	59.54	ng/ul	97
85) Benzo(b)fluoranthene	22.76	252	2718662	55.23	ng/ul	98
86) Benzo(k)fluoranthene	22.80	252	1027835m	22.20	ng/ul	
88) Benzo(a)pyrene	23.32	252	2117603	44.91	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.61	276	1360827	24.81	ng/ul	96
90) Dibenzo(a,h)anthracene	25.61	278	356177	7.81	ng/ul#	85
91) Benzo(g,h,i)perylene	26.29	276	1164064	24.01	ng/ul	100

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

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