Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121815\
Data File : BG020265.D
Acq On : 18 Dec 2015 4:01
Operator : UM/SJ
Sample : G4767-22DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N44DL

Manual Integrations APPROVED
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12/18/2015 6:20:27 PM

Quant Time: Dec 18 15:50:18 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 02:40:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	19911	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	87619	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.73	164	64188	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	133983	20.00	ng/ul	0.01
78) Chrysene-d12	21.76	240	173701	20.00	ng/ul	0.01
86) Perylene-d12	25.03	264	166891	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	7.25	99	2814	1.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	1771	1.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	2447	1.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	2739	1.82	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	1545	2.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	1474	1.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	2759	1.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	6474	3.74	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	11664	2.25	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	11549	1.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	2740	2.94	ng/ul	0.00
58) Fluorene-d10	15.73	176	9841	2.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.60	188	12896m	2.09	ng/ul	0.03
79) Pyrene-d10	19.86	212	15666	1.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	16418	1.97	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	8.53	108	2469	1.72	ng/ul#	79
16) 4-Methylphenol	8.86	108	3514	2.21	ng/ul	92
24) 2,4-Dimethylphenol	10.07	107	12086m	6.53	ng/ul	
28) Naphthalene	11.00	128	4201597	918.26	ng/ul#	71
34) 2-Methylnaphthalene	12.58	142	1702266	487.05	ng/ul	100
41) 1,1'-Biphenyl	13.57	154	735143	151.81	ng/ul	98
45) Dimethylphthalate	14.18	163	5336	1.01	ng/ul	98
48) Acenaphthylene	14.46	152	277193	43.19	ng/ul#	96
50) Acenaphthene	14.82	153	2581264	597.80	ng/ul#	89
54) Dibenzofuran	15.15	168	2531545	394.12	ng/ul#	80
59) Fluorene	15.80	166	2413006	467.81	ng/ul#	97
70) Phenanthrene	17.58	178	6320444m	862.43	ng/ul	
72) Anthracene	17.63	178	851667	114.58	ng/ul	95
75) Carbazole	17.88	167	549235	87.94	ng/ul	97
77) Fluoranthene	19.56	202	4422979m	516.40	ng/ul	
80) Pyrene	19.91	202	3522177	335.03	ng/ul#	76
83) Benzo(a)anthracene	21.74	228	1223776	120.74	ng/ul	92
85) Chrysene	21.81	228	1024400	107.32	ng/ul#	93
88) Benzo(b)fluoranthene	23.99	252	621849	61.91	ng/ul	96
89) Benzo(k)fluoranthene	24.05	252	218527m	22.67	ng/ul	
91) Benzo(a)pyrene	24.87	252	351888	36.96	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.76	276	111437	9.83	ng/ul	97
93) Dibenzo(a,h)anthracene	28.82	278	33394m	3.55	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	29.93	276	80308	8.64	ng/ul	97

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

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