Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020540.D
Acq On : 26 Dec 2015 14:50
Operator : UM/SJ
Sample : G4802-19
Misc :
ALS Vial : 77 Sample Multiplier: 1

Quant Time: Dec 28 07:17:49 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 06:13:05 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : G9D94

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	18895	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	81408	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	57400	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	134010	20.00	ng/ul	0.01
78) Chrysene-d12	21.75	240	165717	20.00	ng/ul	0.02
86) Perylene-d12	25.03	264	171128	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	822	2.40	ng/uL	0.00
5) Phenol-d5	7.23	99	23957	15.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	14505	16.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	19505	16.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	18634	14.61	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	10964	17.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	12651	17.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	23206	16.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	11620	7.24	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	75489	15.96	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	97838	17.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	9811	12.44	ng/ul	0.00
58) Fluorene-d10	15.70	176	73026	17.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	8154	9.18	ng/ul	0.01
71) Anthracene-d10	17.56	188	114119	18.18	ng/ul	0.00
79) Pyrene-d10	19.85	212	132927	18.53	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.80	264	151769	17.54	ng/ul	0.04
Target Compounds						Qvalue
28) Naphthalene	10.94	128	43965	10.16	ng/ul	97
34) 2-Methylnaphthalene	12.54	142	24277	7.58	ng/ul	99
41) 1,1'-Biphenyl	13.54	154	5652	1.28	ng/ul	96
45) Dimethylphthalate	14.15	163	31585	6.57	ng/ul	97
48) Acenaphthylene	14.44	152	84793	14.72	ng/ul	98
50) Acenaphthene	14.77	153	16503	4.24	ng/ul	98
54) Dibenzofuran	15.11	168	21446	3.70	ng/ul	98
59) Fluorene	15.76	166	35120	7.48	ng/ul	99
70) Phenanthrene	17.50	178	794707	106.58	ng/ul	98
72) Anthracene	17.59	178	185796	24.37	ng/ul	98
75) Carbazole	17.86	167	31378	4.88	ng/ul	96
77) Fluoranthene	19.52	202	1715667m	182.97	ng/ul	
80) Pyrene	19.89	202	1997116m	213.11	ng/ul	
83) Benzo(a)anthracene	21.73	228	1312980	134.91	ng/ul#	90
85) Chrysene	21.80	228	1229976	132.68	ng/ul#	89
88) Benzo(b)fluoranthene	24.01	252	1599800	155.75	ng/ul	95
89) Benzo(k)fluoranthene	24.05	252	490385	49.39	ng/ul	97
91) Benzo(a)pyrene	24.90	252	1314914	133.19	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	28.81	276	825854	69.84	ng/ul	95
93) Dibenzo(a,h)anthracene	28.83	278	229891	23.43	ng/ul	96
94) Benzo(g,h,i)perylene	29.99	276	796837	82.05	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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