Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020424.D
Acq On : 23 Dec 2015 2:12
Operator : UM/SJ
Sample : G4866-13MS
Misc : MED LEVEL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E43M4MS

Manual Integrations APPROVED
Sohil
12/24/2015 5:33:29 PM

Quant Time: Dec 23 08:02:46 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 23 07:35:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	20890	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	93165	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	64932	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	149186	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	184012	20.00	ng/ul	0.02
86) Perylene-d12	25.04	264	186623	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	1133	2.99	ng/uL	0.00
5) Phenol-d5	7.24	99	33513	18.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	19357	17.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	26297	19.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	24734	15.70	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	14653	20.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	17211	21.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	32645	19.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	18306	9.96	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	109887	20.92	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	127831	20.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	13191	14.00	ng/ul	0.00
58) Fluorene-d10	15.71	176	97176	20.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	15590	17.63	ng/ul	0.00
71) Anthracene-d10	17.56	188	148023	21.53	ng/ul	0.00
79) Pyrene-d10	19.85	212	177238	20.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.81	264	200195	21.51	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	7.27	94	32789	16.62	ng/ul	98
10) 2-Chlorophenol	7.65	128	24973	17.80	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.89	70	22553	17.27	ng/ul	96
28) Naphthalene	10.95	128	44359	9.12	ng/ul	99
33) 4-Chloro-3-methylphenol	12.18	107	32841	16.44	ng/ul	91
34) 2-Methylnaphthalene	12.55	142	10941	2.94	ng/ul	93
41) 1,1'-Biphenyl	13.55	154	6210	1.27	ng/ul	95
45) Dimethylphthalate	14.16	163	25013	4.66	ng/ul	96
50) Acenaphthene	14.78	153	218012	49.91	ng/ul	100
53) 4-Nitrophenol	14.94	109	10839	11.96	ng/ul	96
54) Dibenzofuran	15.11	168	83925	12.92	ng/ul	97
55) 2,4-Dinitrotoluene	15.08	165	30993	19.03	ng/ul#	86
59) Fluorene	15.77	166	131413	25.19	ng/ul	99
69) Pentachlorophenol	17.12	266	13710	12.09	ng/ul	96
70) Phenanthrene	17.52	178	1882109m	230.64	ng/ul	
72) Anthracene	17.60	178	427382	51.64	ng/ul	97
75) Carbazole	17.87	167	259630	37.33	ng/ul	99
77) Fluoranthene	19.54	202	3019333	316.59	ng/ul#	84
80) Pyrene	19.90	202	2853880	256.25	ng/ul#	84
83) Benzo(a)anthracene	21.73	228	1748431	162.84	ng/ul#	89
85) Chrysene	21.81	228	1843175	182.27	ng/ul#	86
88) Benzo(b)fluoranthene	24.02	252	2662117	237.00	ng/ul#	92
89) Benzo(k)fluoranthene	24.07	252	954081m	88.51	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(a)pyrene	24.91	252	1896478	178.11	ng/ul	93
92) Indeno(1,2,3-cd)pyrene	28.83	276	1506835	118.83	ng/ul#	93
93) Dibenzo(a,h)anthracene	28.86	278	355349	33.76	ng/ul#	97
94) Benzo(g,h,i)perylene	30.01	276	1378661	132.63	ng/ul	99

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

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