Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
Data File : BG020543.D
Acq On : 26 Dec 2015 16:48
Operator : UM/SJ
Sample : G4802-22MS
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9D96MS

Manual Integrations APPROVED
Sohil
12/28/2015 6:07:19 PM

Quant Time: Dec 28 07:28:39 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	21264	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	90283	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	66214	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	155965	20.00	ng/ul	0.01
78) Chrysene-d12	21.73	240	194672	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	187791	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	1761	4.57	ng/uL	0.00
5) Phenol-d5	7.23	99	45049	26.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	29315	29.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	37124	28.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	39865	27.77	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	21308	30.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	22214	27.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	42111	27.04	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	41562	23.36	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	149382	27.37	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	180273	28.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	17159	18.86	ng/ul	0.00
58) Fluorene-d10	15.71	176	139556	28.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	8144	7.88	ng/ul	0.02
71) Anthracene-d10	17.56	188	213368	29.21	ng/ul	0.01
79) Pyrene-d10	19.84	212	252511	29.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	284995	30.02	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	7.26	94	48473	27.28	ng/ul	97
10) 2-Chlorophenol	7.64	128	37008	27.08	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.88	70	32141	27.64	ng/ul	95
28) Naphthalene	10.95	128	172236	35.89	ng/ul	97
33) 4-Chloro-3-methylphenol	12.17	107	49157	29.37	ng/ul	90
41) 1,1'-Biphenyl	13.54	154	166580	32.60	ng/ul	95
45) Dimethylphthalate	14.16	163	51855	9.35	ng/ul	99
48) Acenaphthylene	14.44	152	162094	24.39	ng/ul#	92
50) Acenaphthene	14.78	153	482993	107.49	ng/ul	98
53) 4-Nitrophenol	14.93	109	15324	18.62	ng/ul#	88
54) Dibenzofuran	15.11	168	60171	9.00	ng/ul	89
55) 2,4-Dinitrotoluene	15.08	165	52119	30.90	ng/ul#	96
59) Fluorene	15.76	166	380215	70.18	ng/ul	99
69) Pentachlorophenol	17.12	266	16635	14.17	ng/ul	96
70) Phenanthrene	17.52	178	1752464m	201.94	ng/ul	
72) Anthracene	17.60	178	464304	52.32	ng/ul	98
75) Carbazole	17.86	167	21310	2.85	ng/ul#	90
77) Fluoranthene	19.51	202	686748	62.93	ng/ul	99
80) Pyrene	19.88	202	1225749	111.34	ng/ul	97
83) Benzo(a)anthracene	21.72	228	388243m	33.96	ng/ul	
85) Chrysene	21.78	228	325518	29.89	ng/ul	96
88) Benzo(b)fluoranthene	23.97	252	235218	20.87	ng/ul	97
89) Benzo(k)fluoranthene	24.03	252	76685m	7.04	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(a)pyrene	24.86	252	296391	27.36	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.74	276	118172	9.11	ng/ul	95
93) Dibenzo(a,h)anthracene	28.77	278	31795	2.95	ng/ul	97
94) Benzo(g,h,i)perylene	29.91	276	122910	11.53	ng/ul	97

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

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