Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023851.D
Acq On : 23 Aug 2016 13:45
Operator : UM/SJ
Sample : PB93023BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB93023BS

Manual Integrations APPROVED
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Quant Time: Aug 24 01:35:46 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	95018	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	400541	20.00	ng		-0.03
38) Acenaphthene-d10	14.76	164	263193	20.00	ng		-0.02
63) Phenanthrene-d10	17.53	188	634991	20.00	ng		-0.01
75) Chrysene-d12	21.84	240	701017	20.00	ng		-0.02
86) Perylene-d12	25.21	264	702949	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	790514	140.04	ng		-0.03
7) Phenol-d6	7.25	99	1137320	129.36	ng		-0.03
23) Nitrobenzene-d5	9.27	82	774411	96.12	ng		-0.03
41) 2,4,6-Tribromophenol	16.27	330	478257	124.23	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	1466223	93.96	ng		-0.02
78) Terphenyl-d14	20.13	244	2281492	106.75	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	82399	34.26	ng		92
3) Pyridine	3.90	79	281818	35.66	ng		95
4) n-Nitrosodimethylamine	3.81	42	138531	47.28	ng	#	97
6) Aniline	7.41	93	319098	25.12	ng		98
8) 2-Chlorophenol	7.65	128	289757	44.68	ng		99
9) Benzaldehyde	7.22	77	86130	14.13	ng		89
10) Phenol	7.28	94	420136	44.67	ng		87
11) bis(2-Chloroethyl)ether	7.50	93	305134	40.67	ng		87
12) 1,3-Dichlorobenzene	7.98	146	314960	42.42	ng		95
13) 1,4-Dichlorobenzene	8.12	146	316112	41.59	ng		95
14) 1,2-Dichlorobenzene	8.45	146	304181	40.80	ng	#	92
15) Benzyl Alcohol	8.33	79	337667	50.69	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	435698	39.49	ng		90
17) 2-Methylphenol	8.54	107	280173	44.43	ng		92
18) Hexachloroethane	9.18	117	125085	43.72	ng		92
19) n-Nitroso-di-n-propylamine	8.90	70	297141	39.29	ng		97
20) 3+4-Methylphenols	8.87	107	384430	43.25	ng		88
22) Acetophenone	8.92	105	430343	39.24	ng	#	94
24) Nitrobenzene	9.31	77	426798	47.84	ng		91
25) Isophorone	9.83	82	759259	45.24	ng	#	94
26) 2-Nitrophenol	10.03	139	173413	46.05	ng	#	83
27) 2,4-Dimethylphenol	10.09	122	300410	46.86	ng		87
28) bis(2-Chloroethoxy)methane	10.32	93	436768	43.30	ng		98
29) 2,4-Dichlorophenol	10.58	162	316932	49.16	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	312730	44.98	ng		98
31) Naphthalene	10.98	128	906197	44.43	ng		99
32) Benzoic acid	10.24	122	150816	28.56	ng		95
33) 4-Chloroaniline	11.10	127	156521	16.05	ng	#	86
34) Hexachlorobutadiene	11.25	225	216897	47.44	ng		94
35) Caprolactam	11.87	113	111026m	40.93	ng		
36) 4-Chloro-3-methylphenol	12.22	107	385296	45.49	ng		94
37) 2-Methylnaphthalene	12.58	142	681784m	43.97	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	337911	35.40	ng		99
40) Hexachlorocyclopentadiene	12.92	237	328605	68.28	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	261003	45.91	ng		97
43) 2,4,5-Trichlorophenol	13.28	196	271204	46.33	ng	#	96
45) 1,1'-Biphenyl	13.59	154	809902	40.25	ng		95
46) 2-Chloronaphthalene	13.64	162	718261	46.15	ng		98
47) 2-Nitroaniline	13.85	65	303001	46.89	ng		89
48) Acenaphthylene	14.49	152	1134397	46.11	ng		99
49) Dimethylphthalate	14.21	163	960807	47.58	ng		99
50) 2,6-Dinitrotoluene	14.34	165	216240	45.22	ng		90
51) Acenaphthene	14.83	154	709633	45.53	ng		99
52) 3-Nitroaniline	14.68	138	130449	24.19	ng		86
53) 2,4-Dinitrophenol	14.90	184	210259	68.59	ng		94
54) Dibenzofuran	15.16	168	1122497	49.60	ng		98
55) 4-Nitrophenol	15.00	139	339702	80.21	ng	#	82
56) 2,4-Dinitrotoluene	15.14	165	319537	47.61	ng		96
57) Fluorene	15.82	166	920074	46.59	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	271059	50.47	ng		96
59) Diethylphthalate	15.57	149	1003449	48.95	ng		99
60) 4-Chlorophenyl-phenylether	15.80	204	473265	45.29	ng		98
61) 4-Nitroaniline	15.85	138	236009	41.11	ng	#	68
62) Azobenzene	16.10	77	1108037	53.33	ng		93
64) 4,6-Dinitro-2-methylphenol	15.91	198	169599	39.28	ng		91
65) n-Nitrosodiphenylamine	16.03	169	850811	45.68	ng		97
66) 4-Bromophenyl-phenylether	16.70	248	329908	44.58	ng		99
67) Hexachlorobenzene	16.83	284	358463	44.27	ng		97
68) Atrazine	16.97	200	357448	49.98	ng		96
69) Pentachlorophenol	17.18	266	363681	77.04	ng		99
70) Phenanthrene	17.57	178	1535502	47.66	ng		98
71) Anthracene	17.66	178	1582437	48.83	ng		100
72) Carbazole	17.94	167	1451668	51.01	ng		97
73) Di-n-butylphthalate	18.48	149	1712396	62.29	ng		98
74) Fluoranthene	19.59	202	1837445	64.33	ng		96
76) Benzidine	19.76	184	805010	41.31	ng		99
77) Pyrene	19.95	202	1863816	47.42	ng		97
79) Butylbenzylphthalate	20.82	149	845601	50.09	ng		97
80) Benzo(a)anthracene	21.82	228	1845234	47.68	ng		97
81) 3,3'-Dichlorobenzidine	21.73	252	417702	26.32	ng	#	94
82) Chrysene	21.89	228	1728443	46.95	ng		98
83) Bis(2-ethylhexyl)phthalate	21.69	149	1149526	49.73	ng		98
84) Di-n-octyl phthalate	22.96	149	1971414	49.97	ng		99
85) Indeno(1,2,3-cd)pyrene	29.11	276	2123136	46.15	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	1911038	48.32	ng	#	98
88) Benzo(k)fluoranthene	24.21	252	1800551	47.40	ng	#	97
89) Benzo(a)pyrene	25.07	252	1842816	48.99	ng	#	97
90) Dibenzo(a,h)anthracene	29.17	278	1814030	47.21	ng	#	92
91) Benzo(g,h,i)perylene	30.32	276	1773617	45.84	ng	#	91

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

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