Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022687.D
Acq On : 28 Jun 2016 22:26
Operator : UM/SJ
Sample : PB91574BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91574BSD

Quant Time: Jun 29 13:41:32 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	155832	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	656726	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	477659	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	1263903	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1475070	20.00	ng		0.00
86) Perylene-d12	25.21	264	1509153	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	1096028	112.81	ng		0.00
7) Phenol-d6	7.31	99	1617366	118.10	ng		0.00
23) Nitrobenzene-d5	9.33	82	1098998	70.83	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	877163	116.75	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2114242	70.20	ng		0.00
78) Terphenyl-d14	20.15	244	3246400	58.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	104375	26.51	ng	#	94
3) Pyridine	3.98	79	349398	31.72	ng		92
4) n-Nitrosodimethylamine	3.90	42	187389	29.74	ng		82
6) Aniline	7.48	93	450121	24.79	ng		95
8) 2-Chlorophenol	7.72	128	388972	38.65	ng		99
9) Benzaldehyde	7.31	77	16863m	3.50	ng		
10) Phenol	7.34	94	561188	38.77	ng		90
11) bis(2-Chloroethyl)ether	7.57	93	401230	33.67	ng		99
12) 1,3-Dichlorobenzene	8.05	146	406269	33.18	ng		94
13) 1,4-Dichlorobenzene	8.20	146	411290	33.50	ng		94
14) 1,2-Dichlorobenzene	8.52	146	391747	33.55	ng		97
15) Benzyl Alcohol	8.40	79	482978	38.12	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.69	45	455287	34.55	ng		98
17) 2-Methylphenol	8.60	107	371747	38.96	ng		96
18) Hexachloroethane	9.25	117	165034	32.48	ng		87
19) n-Nitroso-di-n-propylamine	8.97	70	388604	34.07	ng		96
20) 3+4-Methylphenols	8.93	107	498856	37.96	ng		97
22) Acetophenone	8.98	105	654922	34.50	ng	#	92
24) Nitrobenzene	9.37	77	579521	33.79	ng	#	90
25) Isophorone	9.89	82	993025	32.97	ng		98
26) 2-Nitrophenol	10.09	139	230136	37.25	ng		89
27) 2,4-Dimethylphenol	10.14	122	411450	34.86	ng		92
28) bis(2-Chloroethoxy)methane	10.38	93	567821	34.53	ng		96
29) 2,4-Dichlorophenol	10.62	162	442406	38.48	ng		98
30) 1,2,4-Trichlorobenzene	10.85	180	469175	34.36	ng		98
31) Naphthalene	11.03	128	1137340	34.45	ng		99
32) Benzoic acid	10.27	122	306597	40.62	ng		90
33) 4-Chloroaniline	11.14	127	136305	9.59	ng	#	91
34) Hexachlorobutadiene	11.32	225	353824	33.34	ng		97
35) Caprolactam	11.91	113	162864m	44.96	ng		
36) 4-Chloro-3-methylphenol	12.25	107	535434	37.93	ng		87
37) 2-Methylnaphthalene	12.63	142	879848	34.37	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	600835	33.32	ng		98
40) Hexachlorocyclopentadiene	12.97	237	853941	59.32	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	419818	36.31	ng		97
43) 2,4,5-Trichlorophenol	13.30	196	454091	37.53	ng		93
45) 1,1'-Biphenyl	13.63	154	1200293	32.99	ng		98
46) 2-Chloronaphthalene	13.68	162	1008633	33.69	ng		97
47) 2-Nitroaniline	13.87	65	422088	36.52	ng		97
48) Acenaphthylene	14.52	152	1481807	34.12	ng		99
49) Dimethylphthalate	14.24	163	1351749	34.11	ng		97
50) 2,6-Dinitrotoluene	14.37	165	318739	37.02	ng		85
51) Acenaphthene	14.86	154	989380	30.93	ng		95
52) 3-Nitroaniline	14.70	138	192572	23.90	ng		92
53) 2,4-Dinitrophenol	14.90	184	436739	82.35	ng		90
54) Dibenzofuran	15.19	168	1590694	34.33	ng		98
55) 4-Nitrophenol	15.00	139	532502	78.16	ng		93
56) 2,4-Dinitrotoluene	15.15	165	479249	40.18	ng		93
57) Fluorene	15.85	166	1301679	35.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	484964	38.66	ng		97
59) Diethylphthalate	15.61	149	1409199	34.59	ng		96
60) 4-Chlorophenyl-phenylether	15.83	204	767086	34.85	ng		94
61) 4-Nitroaniline	15.86	138	316433	38.07	ng	#	84
62) Azobenzene	16.13	77	1431333	32.45	ng		91
64) 4,6-Dinitro-2-methylphenol	15.91	198	328937	38.81	ng		98
65) n-Nitrosodiphenylamine	16.05	169	1245404	33.86	ng		97
66) 4-Bromophenyl-phenylether	16.73	248	556821	33.96	ng		95
67) Hexachlorobenzene	16.85	284	582494	33.60	ng		99
68) Atrazine	16.99	200	558356	35.96	ng		97
69) Pentachlorophenol	17.20	266	841122	70.50	ng		96
70) Phenanthrene	17.60	178	2182311	33.86	ng		97
71) Anthracene	17.69	178	2205099	33.24	ng		96
72) Carbazole	17.96	167	1994284	35.46	ng		99
73) Di-n-butylphthalate	18.50	149	2314824	35.35	ng		99
74) Fluoranthene	19.60	202	2658698	35.80	ng		96
76) Benzidine	19.78	184	1267846	80.73	ng		98
77) Pyrene	19.97	202	2675188	34.05	ng		96
79) Butylbenzylphthalate	20.84	149	1190987	35.02	ng		94
80) Benzo(a)anthracene	21.83	228	2873815	35.21	ng		98
81) 3,3'-Dichlorobenzidine	21.74	252	678200	20.12	ng		99
82) Chrysene	21.90	228	2677778	34.91	ng		94
83) Bis(2-ethylhexyl)phthalate	21.72	149	1563178	32.64	ng		97
84) Di-n-octyl phthalate	22.98	149	2597982	32.91	ng		98
85) Indeno(1,2,3-cd)pyrene	29.05	276	3413888	33.87	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	3179938	35.04	ng		97
88) Benzo(k)fluoranthene	24.21	252	2906549	33.88	ng	#	94
89) Benzo(a)pyrene	25.06	252	3037097	34.33	ng	#	97
90) Dibenzo(a,h)anthracene	29.14	278	2796427	33.58	ng	#	96
91) Benzo(g,h,i)perylene	30.27	276	2783541	32.83	ng	#	94

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

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