Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120915\
Data File : BG020029.D
Acq On : 9 Dec 2015 5:32
Operator : UM/SJ
Sample : PB87147BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB87147BS

Quant Time: Dec 09 07:13:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	17478	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	79304	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	56470	20.00	ng		-0.02
63) Phenanthrene-d10	17.48	188	140008	20.00	ng		-0.03
75) Chrysene-d12	21.76	240	172515	20.00	ng		-0.04
86) Perylene-d12	25.04	264	164687	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	131334	135.81	ng		-0.01
7) Phenol-d6	7.26	99	194286	133.06	ng		-0.01
23) Nitrobenzene-d5	9.28	82	124275	79.98	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	99871	115.59	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	313567	75.82	ng		-0.02
78) Terphenyl-d14	20.08	244	555650	78.56	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	12165	32.29	ng	#	100
3) Pyridine	3.92	79	40693	35.57	ng	#	89
4) n-Nitrosodimethylamine	3.84	42	20910	34.75	ng		83
6) Aniline	7.43	93	41988	22.21	ng	#	86
8) 2-Chlorophenol	7.67	128	51955	44.06	ng		95
9) Benzaldehyde	7.24	77	34133	35.06	ng		91
10) Phenol	7.29	94	70735	46.03	ng		80
11) bis(2-Chloroethyl)ether	7.53	93	45641	40.10	ng		91
12) 1,3-Dichlorobenzene	8.00	146	52433	39.23	ng	#	93
13) 1,4-Dichlorobenzene	8.15	146	53503	38.76	ng		94
14) 1,2-Dichlorobenzene	8.47	146	51693	39.26	ng		92
15) Benzyl Alcohol	8.34	79	55334	43.19	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.64	45	67700	36.47	ng		94
17) 2-Methylphenol	8.55	107	48421	44.63	ng	#	91
18) Hexachloroethane	9.20	117	19503	37.73	ng		93
19) n-Nitroso-di-n-propylamine	8.91	70	42451	36.87	ng		89
20) 3+4-Methylphenols	8.87	107	67224	44.01	ng		93
22) Acetophenone	8.94	105	80670	37.11	ng	#	94
24) Nitrobenzene	9.32	77	66868	39.67	ng		91
25) Isophorone	9.84	82	119475	35.86	ng	#	96
26) 2-Nitrophenol	10.04	139	29344	45.08	ng	#	75
27) 2,4-Dimethylphenol	10.09	122	56722	41.84	ng		90
28) bis(2-Chloroethoxy)methane	10.32	93	66669	40.95	ng		97
29) 2,4-Dichlorophenol	10.57	162	61438	44.36	ng		95
30) 1,2,4-Trichlorobenzene	10.79	180	60290	38.52	ng		94
31) Naphthalene	10.98	128	167881	39.52	ng		99
32) Benzoic acid	10.21	122	37983	42.38	ng		91
33) 4-Chloroaniline	11.08	127	24247	12.95	ng	#	91
34) Hexachlorobutadiene	11.26	225	42162	36.52	ng		94
35) Caprolactam	11.86	113	20680	40.11	ng	#	78
36) 4-Chloro-3-methylphenol	12.20	107	69927	40.54	ng		94
37) 2-Methylnaphthalene	12.58	142	126958	40.78	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	84610	39.48	ng		99
40) Hexachlorocyclopentadiene	12.92	237	86118	70.48	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	57513	40.54	ng		98
43) 2,4,5-Trichlorophenol	13.25	196	63815	42.56	ng		96
45) 1,1'-Biphenyl	13.58	154	175453	37.86	ng		98
46) 2-Chloronaphthalene	13.62	162	139487	39.05	ng		96
47) 2-Nitroaniline	13.82	65	48947	43.38	ng		89
48) Acenaphthylene	14.47	152	233296	38.34	ng		99
49) Dimethylphthalate	14.19	163	187986	37.01	ng		98
50) 2,6-Dinitrotoluene	14.31	165	40686	42.60	ng	#	79
51) Acenaphthene	14.81	154	152508	41.31	ng		99
52) 3-Nitroaniline	14.64	138	27163	27.38	ng		100
53) 2,4-Dinitrophenol	14.84	184	27714	57.48	ng	#	86
54) Dibenzofuran	15.13	168	236373	43.04	ng		92
55) 4-Nitrophenol	14.94	139	65279	75.54	ng	#	70
56) 2,4-Dinitrotoluene	15.09	165	58978	44.26	ng		94
57) Fluorene	15.79	166	187846	38.21	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	62643	45.14	ng	#	95
59) Diethylphthalate	15.55	149	195800	35.62	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	106984	37.90	ng		97
61) 4-Nitroaniline	15.80	138	42970	38.50	ng	#	80
62) Azobenzene	16.07	77	181917	39.77	ng		95
64) 4,6-Dinitro-2-methylphenol	15.85	198	28554	37.79	ng		93
65) n-Nitrosodiphenylamine	15.99	169	167312	41.30	ng		95
66) 4-Bromophenyl-phenylether	16.67	248	69895	40.18	ng		98
67) Hexachlorobenzene	16.79	284	75870	41.86	ng		99
68) Atrazine	16.93	200	69494	39.48	ng		97
69) Pentachlorophenol	17.13	266	88960	84.10	ng		94
70) Phenanthrene	17.53	178	321340	40.57	ng		97
71) Anthracene	17.61	178	325414	40.33	ng		97
72) Carbazole	17.88	167	282236	39.71	ng		97
73) Di-n-butylphthalate	18.43	149	337909	38.79	ng		99
74) Fluoranthene	19.52	202	406328	40.10	ng		93
76) Benzidine	19.70	184	111384	19.66	ng		98
77) Pyrene	19.89	202	415162	40.91	ng		95
79) Butylbenzylphthalate	20.76	149	158667	39.89	ng		98
80) Benzo(a)anthracene	21.74	228	423997	40.15	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	84278	20.96	ng	#	97
82) Chrysene	21.80	228	384504	38.35	ng		97
83) Bis(2-ethylhexyl)phthalate	21.63	149	229690	39.34	ng		98
84) Di-n-octyl phthalate	22.87	149	397372	41.87	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.78	276	465670	42.16	ng	#	100
87) Benzo(b)fluoranthene	23.99	252	416547	39.91	ng	#	93
88) Benzo(k)fluoranthene	24.06	252	403073	38.99	ng	#	94
89) Benzo(a)pyrene	24.88	252	402339	40.60	ng	#	95
90) Dibenzo(a,h)anthracene	28.84	278	385704	39.40	ng	#	94
91) Benzo(g,h,i)perylene	29.96	276	374613	38.97	ng	#	92

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

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