Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020121.D
Acq On : 12 Dec 2015 00:40
Operator : UM/SJ
Sample : PB87210BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB87210BSD

Quant Time: Dec 12 02:39:11 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	8.10	152	22361	20.00	ng		-0.04
21) Naphthalene-d8	10.92	136	96576	20.00	ng		-0.04
38) Acenaphthene-d10	14.73	164	70298	20.00	ng		-0.04
63) Phenanthrene-d10	17.47	188	185085	20.00	ng		-0.04
75) Chrysene-d12	21.74	240	216750	20.00	ng		-0.05
86) Perylene-d12	25.01	264	200073	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	98678	79.76	ng		-0.02
7) Phenol-d6	7.26	99	146390	78.37	ng		-0.02
23) Nitrobenzene-d5	9.27	82	132586	70.06	ng		-0.03
41) 2,4,6-Tribromophenol	16.22	330	79250	73.68	ng		-0.03
44) 2-Fluorobiphenyl	13.35	172	342196	66.47	ng		-0.04
78) Terphenyl-d14	20.07	244	629583	70.85	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	14998	31.12	ng	#	100
3) Pyridine	3.91	79	46510	31.77	ng	#	89
4) n-Nitrosodimethylamine	3.82	42	24346	31.62	ng		89
6) Aniline	7.42	93	48803	20.17	ng	#	87
8) 2-Chlorophenol	7.67	128	57384	38.04	ng		99
9) Benzaldehyde	7.23	77	30742	24.68	ng		94
10) Phenol	7.28	94	78731	40.05	ng		81
11) bis(2-Chloroethyl)ether	7.51	93	50159	34.45	ng		88
12) 1,3-Dichlorobenzene	7.99	146	57318	33.52	ng	#	94
13) 1,4-Dichlorobenzene	8.14	146	58787	33.29	ng		96
14) 1,2-Dichlorobenzene	8.45	146	56907	33.78	ng		95
15) Benzyl Alcohol	8.34	79	59394	36.23	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.64	45	73302	30.87	ng		94
17) 2-Methylphenol	8.54	107	54105	38.98	ng	#	93
18) Hexachloroethane	9.19	117	21216	32.08	ng		99
19) n-Nitroso-di-n-propylamine	8.91	70	47008	31.91	ng		91
20) 3+4-Methylphenols	8.87	107	74568	38.15	ng		93
22) Acetophenone	8.92	105	86799	32.79	ng	#	95
24) Nitrobenzene	9.31	77	70293	34.24	ng		95
25) Isophorone	9.83	82	131501	32.41	ng		97
26) 2-Nitrophenol	10.02	139	33302	42.01	ng	#	75
27) 2,4-Dimethylphenol	10.08	122	61369	37.17	ng		92
28) bis(2-Chloroethoxy)methane	10.32	93	74597	37.63	ng		98
29) 2,4-Dichlorophenol	10.56	162	67845	40.23	ng		97
30) 1,2,4-Trichlorobenzene	10.77	180	63613	33.37	ng		95
31) Naphthalene	10.97	128	177719	34.35	ng		100
32) Benzoic acid	10.21	122	49328	44.79	ng		85
33) 4-Chloroaniline	11.07	127	23857	10.46	ng	#	93
34) Hexachlorobutadiene	11.25	225	44992	32.00	ng		95
35) Caprolactam	11.85	113	24694m	39.33	ng		
36) 4-Chloro-3-methylphenol	12.18	107	78527	37.39	ng		95
37) 2-Methylnaphthalene	12.57	142	137752	36.33	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	88328	33.11	ng		98
40) Hexachlorocyclopentadiene	12.91	237	117268	77.09	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	65802	37.26	ng		97
43) 2,4,5-Trichlorophenol	13.24	196	72347	38.76	ng		98
45) 1,1'-Biphenyl	13.57	154	187233	32.45	ng		98
46) 2-Chloronaphthalene	13.61	162	150623	33.87	ng		96
47) 2-Nitroaniline	13.81	65	55439	39.47	ng		87
48) Acenaphthylene	14.45	152	254867	33.65	ng		99
49) Dimethylphthalate	14.18	163	216079	34.17	ng	#	98
50) 2,6-Dinitrotoluene	14.30	165	48168	40.51	ng	#	83
51) Acenaphthene	14.79	154	149133	32.45	ng		99
52) 3-Nitroaniline	14.63	138	23387	18.93	ng		93
53) 2,4-Dinitrophenol	14.83	184	66101	101.64	ng	#	86
54) Dibenzofuran	15.13	168	256816	37.56	ng		94
55) 4-Nitrophenol	14.93	139	83614	77.73	ng	#	66
56) 2,4-Dinitrotoluene	15.09	165	69182	41.71	ng	#	95
57) Fluorene	15.77	166	206548	33.75	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.35	232	72145	41.76	ng		94
59) Diethylphthalate	15.54	149	222902	32.57	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	116893	33.27	ng		97
61) 4-Nitroaniline	15.79	138	50903	36.64	ng	#	82
62) Azobenzene	16.06	77	199855	35.10	ng		94
64) 4,6-Dinitro-2-methylphenol	15.85	198	46080	44.79	ng		94
65) n-Nitrosodiphenylamine	15.97	169	193324	36.09	ng		95
66) 4-Bromophenyl-phenylether	16.66	248	79643	34.63	ng		97
67) Hexachlorobenzene	16.77	284	85512	35.69	ng		99
68) Atrazine	16.92	200	82621	35.50	ng		94
69) Pentachlorophenol	17.12	266	111867	80.00	ng		94
70) Phenanthrene	17.51	178	372038	35.53	ng		96
71) Anthracene	17.60	178	373923	35.06	ng		96
72) Carbazole	17.87	167	332903	35.43	ng		97
73) Di-n-butylphthalate	18.42	149	389540	33.82	ng		98
74) Fluoranthene	19.52	202	466912	34.86	ng		94
76) Benzidine	19.69	184	198678	27.91	ng		97
77) Pyrene	19.88	202	474354	37.20	ng		95
79) Butylbenzylphthalate	20.76	149	170443	34.10	ng		94
80) Benzo(a)anthracene	21.72	228	461697	34.80	ng		98
81) 3,3'-Dichlorobenzidine	21.63	252	103725	20.53	ng		98
82) Chrysene	21.79	228	412749	32.76	ng		97
83) Bis(2-ethylhexyl)phthalate	21.62	149	244663	33.36	ng		96
84) Di-n-octyl phthalate	22.84	149	416985	34.97	ng	#	96
85) Indeno(1,2,3-cd)pyrene	28.75	276	507120	36.54	ng	#	100
87) Benzo(b)fluoranthene	23.97	252	452555	35.69	ng	#	95
88) Benzo(k)fluoranthene	24.04	252	426679	33.98	ng	#	94
89) Benzo(a)pyrene	24.86	252	425963	35.38	ng	#	96
90) Dibenzo(a,h)anthracene	28.81	278	420497	35.35	ng	#	94
91) Benzo(g,h,i)perylene	29.92	276	418670	35.85	ng	#	91

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

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