Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030417\
Data File : BG026067.D
Acq On : 3 Mar 2017 17:09
Operator : SJ/MA
Sample : PB97313BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB97313BS

Quant Time: Mar 03 22:55:04 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 15:36:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	115412	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	495830	20.00	ng		-0.02
38) Acenaphthene-d10	14.67	164	281212	20.00	ng		-0.02
63) Phenanthrene-d10	17.40	188	666905	20.00	ng		-0.01
75) Chrysene-d12	21.65	240	694814	20.00	ng		-0.03
86) Perylene-d12	24.84	264	664216	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	594244	89.64	ng		-0.01
7) Phenol-d6	7.23	99	768601	78.35	ng		0.00
23) Nitrobenzene-d5	9.23	82	616558	78.47	ng		-0.02
41) 2,4,6-Tribromophenol	16.15	330	269122	103.58	ng		-0.01
44) 2-Fluorobiphenyl	13.30	172	1564353	97.20	ng		-0.02
78) Terphenyl-d14	20.00	244	2087834	73.08	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	94052	31.04	ng	#	77
3) Pyridine	3.93	79	270543	29.97	ng	#	66
4) n-Nitrosodimethylamine	3.84	42	100973	31.10	ng	#	16
6) Aniline	7.39	93	216970	15.91	ng	#	87
8) 2-Chlorophenol	7.63	128	311468	39.53	ng		85
9) Benzaldehyde	7.20	77	63886	10.99	ng	#	74
10) Phenol	7.25	94	403272	37.83	ng	#	72
11) bis(2-Chloroethyl)ether	7.49	93	297809	33.99	ng		86
12) 1,3-Dichlorobenzene	7.96	146	340303	37.37	ng	#	86
13) 1,4-Dichlorobenzene	8.10	146	348073	37.73	ng		95
14) 1,2-Dichlorobenzene	8.43	146	331601	36.61	ng		92
15) Benzyl Alcohol	8.30	79	255392	35.55	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.60	45	332828	26.18	ng		84
17) 2-Methylphenol	8.50	107	273866	35.66	ng	#	83
18) Hexachloroethane	9.16	117	113726	37.19	ng		91
19) n-Nitroso-di-n-propylamine	8.87	70	225295	31.45	ng	#	75
20) 3+4-Methylphenols	8.83	107	370769	33.89	ng		86
22) Acetophenone	8.88	105	444539	37.36	ng	#	76
24) Nitrobenzene	9.27	77	319338	37.59	ng	#	78
25) Isophorone	9.79	82	623038	36.03	ng	#	91
26) 2-Nitrophenol	9.98	139	171231	43.10	ng	#	70
27) 2,4-Dimethylphenol	10.04	122	303171	40.88	ng		88
28) bis(2-Chloroethoxy)methane	10.27	93	396618	36.20	ng		99
29) 2,4-Dichlorophenol	10.51	162	300948	42.52	ng		95
30) 1,2,4-Trichlorobenzene	10.74	180	309016	40.15	ng		98
31) Naphthalene	10.92	128	948536	37.00	ng		99
32) Benzoic acid	10.15	122	185725	32.80	ng	#	76
33) 4-Chloroaniline	11.02	127	114148	10.25	ng	#	82
34) Hexachlorobutadiene	11.21	225	179248	40.93	ng		95
35) Caprolactam	11.78	113	112575	39.39	ng	#	64
36) 4-Chloro-3-methylphenol	12.13	107	313416	37.01	ng	#	77
37) 2-Methylnaphthalene	12.52	142	720964	36.93	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	321279	45.58	ng		99
40) Hexachlorocyclopentadiene	12.87	237	395515	102.55	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	229616	50.44	ng		96
43) 2,4,5-Trichlorophenol	13.19	196	239429	46.33	ng		93
45) 1,1'-Biphenyl	13.51	154	916057	44.95	ng		97
46) 2-Chloronaphthalene	13.56	162	666535	45.24	ng		97
47) 2-Nitroaniline	13.75	65	197804	42.33	ng	#	66
48) Acenaphthylene	14.40	152	1128473	43.02	ng		99
49) Dimethylphthalate	14.12	163	865683	44.87	ng		98
50) 2,6-Dinitrotoluene	14.24	165	198454	45.79	ng	#	67
51) Acenaphthene	14.74	154	813176	46.94	ng		99
52) 3-Nitroaniline	14.57	138	101031	20.84	ng	#	69
53) 2,4-Dinitrophenol	14.77	184	206463	91.04	ng	#	84
54) Dibenzofuran	15.07	168	1054947	45.68	ng		92
55) 4-Nitrophenol	14.87	139	334126	84.69	ng	#	49
56) 2,4-Dinitrotoluene	15.02	165	275335	47.23	ng	#	76
57) Fluorene	15.71	166	873989	42.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	231518	50.78	ng		98
59) Diethylphthalate	15.48	149	895189	44.86	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	412136	43.10	ng		93
61) 4-Nitroaniline	15.72	138	208745	41.54	ng	#	52
62) Azobenzene	15.99	77	787548	45.91	ng		84
64) 4,6-Dinitro-2-methylphenol	15.78	198	160714	41.18	ng		88
65) n-Nitrosodiphenylamine	15.91	169	773963	38.27	ng		98
66) 4-Bromophenyl-phenylether	16.59	248	278603	39.86	ng		99
67) Hexachlorobenzene	16.72	284	285657	39.65	ng		95
68) Atrazine	16.85	200	294025	41.07	ng		97
69) Pentachlorophenol	17.06	266	361810	81.42	ng		97
70) Phenanthrene	17.45	178	1405211	38.81	ng		97
71) Anthracene	17.54	178	1439452	39.00	ng		99
72) Carbazole	17.80	167	1340469	36.15	ng		96
73) Di-n-butylphthalate	18.36	149	1674085	46.00	ng	#	94
74) Fluoranthene	19.44	202	1664135	41.75	ng		94
76) Benzidine	19.61	184	423059	19.29	ng		98
77) Pyrene	19.81	202	1699758	38.68	ng		98
79) Butylbenzylphthalate	20.68	149	779188	46.72	ng		86
80) Benzo(a)anthracene	21.63	228	1524879	37.59	ng		96
81) 3,3'-Dichlorobenzidine	21.54	252	294990	20.40	ng	#	97
82) Chrysene	21.70	228	1431597	36.70	ng		97
83) Bis(2-ethylhexyl)phthalate	21.53	149	1160423	48.19	ng	#	99
84) Di-n-octyl phthalate	22.74	149	1977924	49.74	ng	#	83
85) Indeno(1,2,3-cd)pyrene	28.49	276	1595363	34.72	ng	#	93
87) Benzo(b)fluoranthene	23.83	252	1565749	39.36	ng	#	97
88) Benzo(k)fluoranthene	23.90	252	1495673	38.53	ng	#	92
89) Benzo(a)pyrene	24.70	252	1450650	38.51	ng	#	94
90) Dibenzo(a,h)anthracene	28.55	278	1283229	33.91	ng	#	93
91) Benzo(g,h,i)perylene	29.63	276	1376125	36.27	ng	#	88

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

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