Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020133.D
Acq On : 12 Dec 2015 8:29
Operator : UM/SJ
Sample : PB87240BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB87240BS

Quant Time: Dec 14 01:19:53 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	20709	20.00	ng		-0.04
21) Naphthalene-d8	10.92	136	86988	20.00	ng		-0.03
38) Acenaphthene-d10	14.73	164	65862	20.00	ng		-0.04
63) Phenanthrene-d10	17.47	188	163950	20.00	ng		-0.04
75) Chrysene-d12	21.74	240	181918	20.00	ng		-0.05
86) Perylene-d12	25.01	264	170889	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	160600	140.16	ng		-0.02
7) Phenol-d6	7.26	99	233293	134.85	ng		-0.02
23) Nitrobenzene-d5	9.27	82	147156	86.34	ng		-0.03
41) 2,4,6-Tribromophenol	16.22	330	127372	126.39	ng		-0.03
44) 2-Fluorobiphenyl	13.36	172	376796	78.11	ng		-0.03
78) Terphenyl-d14	20.07	244	640224	85.84	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	14349	32.15	ng	#	100
3) Pyridine	3.91	79	46127	34.03	ng		92
4) n-Nitrosodimethylamine	3.82	42	24339	34.14	ng		84
6) Aniline	7.42	93	55430	24.74	ng	#	90
8) 2-Chlorophenol	7.66	128	61418	43.96	ng		96
9) Benzaldehyde	7.23	77	34235	29.68	ng		95
10) Phenol	7.28	94	83508	45.86	ng		81
11) bis(2-Chloroethyl)ether	7.52	93	52768	39.13	ng		93
12) 1,3-Dichlorobenzene	7.99	146	59123	37.33	ng	#	93
13) 1,4-Dichlorobenzene	8.13	146	59954	36.66	ng	#	93
14) 1,2-Dichlorobenzene	8.46	146	59052	37.85	ng		92
15) Benzyl Alcohol	8.33	79	64236	42.31	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.63	45	76826	34.93	ng		96
17) 2-Methylphenol	8.54	107	57641	44.84	ng	#	91
18) Hexachloroethane	9.19	117	22448	36.65	ng		89
19) n-Nitroso-di-n-propylamine	8.90	70	50197	36.79	ng		93
20) 3+4-Methylphenols	8.87	107	79796	44.09	ng		94
22) Acetophenone	8.92	105	92677	38.87	ng	#	94
24) Nitrobenzene	9.31	77	76572	41.42	ng		94
25) Isophorone	9.83	82	143059	39.15	ng		97
26) 2-Nitrophenol	10.03	139	34547	48.38	ng	#	75
27) 2,4-Dimethylphenol	10.08	122	65886	44.31	ng		92
28) bis(2-Chloroethoxy)methane	10.31	93	79291	44.41	ng		99
29) 2,4-Dichlorophenol	10.56	162	72633	47.81	ng		97
30) 1,2,4-Trichlorobenzene	10.78	180	67140	39.11	ng		98
31) Naphthalene	10.97	128	188492	40.45	ng		100
32) Benzoic acid	10.21	122	53182m	52.43	ng		
33) 4-Chloroaniline	11.07	127	20003	9.74	ng	#	92
34) Hexachlorobutadiene	11.25	225	48575	38.36	ng		95
35) Caprolactam	11.85	113	24493m	43.31	ng		
36) 4-Chloro-3-methylphenol	12.19	107	82772	43.75	ng		96
37) 2-Methylnaphthalene	12.56	142	145928	42.73	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	96236	38.50	ng		99
40) Hexachlorocyclopentadiene	12.91	237	125928	88.36	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.16	196	69653	42.09	ng		98
43) 2,4,5-Trichlorophenol	13.24	196	77419	44.27	ng		95
45) 1,1'-Biphenyl	13.56	154	202363	37.44	ng		98
46) 2-Chloronaphthalene	13.61	162	162047	38.89	ng		96
47) 2-Nitroaniline	13.81	65	57205	43.47	ng		89
48) Acenaphthylene	14.46	152	271337	38.24	ng		99
49) Dimethylphthalate	14.18	163	228564	38.58	ng		99
50) 2,6-Dinitrotoluene	14.30	165	50759	45.57	ng		88
51) Acenaphthene	14.80	154	159798	37.11	ng		97
52) 3-Nitroaniline	14.63	138	23761	20.53	ng		91
53) 2,4-Dinitrophenol	14.83	184	61312	100.72	ng		89
54) Dibenzofuran	15.13	168	271433	42.37	ng		92
55) 4-Nitrophenol	14.93	139	80833	80.20	ng	#	64
56) 2,4-Dinitrotoluene	15.08	165	72279	46.51	ng		94
57) Fluorene	15.77	166	220854	38.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.35	232	74977	46.32	ng		95
59) Diethylphthalate	15.54	149	233311	36.39	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	124862	37.93	ng		99
61) 4-Nitroaniline	15.79	138	50290	38.64	ng	#	79
62) Azobenzene	16.05	77	211314	39.61	ng		95
64) 4,6-Dinitro-2-methylphenol	15.84	198	44063	47.86	ng		93
65) n-Nitrosodiphenylamine	15.98	169	198231	41.78	ng		95
66) 4-Bromophenyl-phenylether	16.66	248	81830	40.17	ng		97
67) Hexachlorobenzene	16.78	284	90384	42.59	ng		97
68) Atrazine	16.92	200	83933	40.72	ng		98
69) Pentachlorophenol	17.12	266	108384	87.50	ng		95
70) Phenanthrene	17.52	178	374973	40.42	ng		98
71) Anthracene	17.61	178	382360	40.47	ng		97
72) Carbazole	17.87	167	333550	40.07	ng		96
73) Di-n-butylphthalate	18.42	149	386666	37.90	ng		98
74) Fluoranthene	19.51	202	467009	39.36	ng		94
76) Benzidine	19.69	184	113231	18.95	ng		96
77) Pyrene	19.88	202	473698	44.26	ng		95
79) Butylbenzylphthalate	20.75	149	166729	39.75	ng		96
80) Benzo(a)anthracene	21.72	228	452346	40.62	ng		98
81) 3,3'-Dichlorobenzidine	21.64	252	78824	18.59	ng	#	97
82) Chrysene	21.79	228	407918	38.58	ng		96
83) Bis(2-ethylhexyl)phthalate	21.62	149	239360	38.88	ng		96
84) Di-n-octyl phthalate	22.84	149	412563	41.22	ng		97
85) Indeno(1,2,3-cd)pyrene	28.74	276	503531	43.23	ng	#	100
87) Benzo(b)fluoranthene	23.97	252	442307	40.84	ng	#	94
88) Benzo(k)fluoranthene	24.04	252	421087	39.26	ng	#	95
89) Benzo(a)pyrene	24.86	252	423204	41.16	ng	#	94
90) Dibenzo(a,h)anthracene	28.81	278	415306	40.88	ng	#	93
91) Benzo(g,h,i)perylene	29.91	276	417003	41.80	ng	#	91

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

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