Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020095.D
Acq On : 11 Dec 2015 4:46
Operator : UM/SJ
Sample : PB87183BSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB87183BSD

Quant Time: Dec 11 06:35:07 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	17225	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	78981	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	56534	20.00	ng		-0.03
63) Phenanthrene-d10	17.48	188	141393	20.00	ng		-0.03
75) Chrysene-d12	21.75	240	167814	20.00	ng		-0.04
86) Perylene-d12	25.03	264	156059	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	126803	133.05	ng		-0.01
7) Phenol-d6	7.26	99	185791	129.11	ng		-0.02
23) Nitrobenzene-d5	9.28	82	120123	77.62	ng		-0.02
41) 2,4,6-Tribromophenol	16.22	330	97413	112.61	ng		-0.02
44) 2-Fluorobiphenyl	13.36	172	300585	72.60	ng		-0.03
78) Terphenyl-d14	20.08	244	529098	76.90	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	12141	32.70	ng	#	100
3) Pyridine	3.92	79	40377	35.81	ng	#	91
4) n-Nitrosodimethylamine	3.83	42	20098	33.89	ng		81
6) Aniline	7.43	93	29274	15.71	ng	#	83
8) 2-Chlorophenol	7.67	128	49138	42.28	ng		93
9) Benzaldehyde	7.24	77	27653	28.82	ng		91
10) Phenol	7.29	94	66603	43.98	ng		79
11) bis(2-Chloroethyl)ether	7.52	93	43175	38.49	ng		91
12) 1,3-Dichlorobenzene	8.00	146	50144	38.07	ng	#	91
13) 1,4-Dichlorobenzene	8.15	146	51300	37.71	ng		95
14) 1,2-Dichlorobenzene	8.46	146	49537	38.18	ng		95
15) Benzyl Alcohol	8.35	79	50497	39.99	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.64	45	63548	34.74	ng		96
17) 2-Methylphenol	8.55	107	45531	42.59	ng	#	89
18) Hexachloroethane	9.20	117	18067	35.47	ng		87
19) n-Nitroso-di-n-propylamine	8.92	70	40161	35.39	ng		95
20) 3+4-Methylphenols	8.87	107	63862	42.42	ng		95
22) Acetophenone	8.93	105	75495	34.87	ng	#	93
24) Nitrobenzene	9.32	77	63694	37.94	ng		93
25) Isophorone	9.84	82	112497	33.91	ng		94
26) 2-Nitrophenol	10.03	139	28199	43.49	ng	#	76
27) 2,4-Dimethylphenol	10.08	122	52353	38.78	ng		90
28) bis(2-Chloroethoxy)methane	10.32	93	63192	38.98	ng		98
29) 2,4-Dichlorophenol	10.57	162	57938	42.01	ng		98
30) 1,2,4-Trichlorobenzene	10.78	180	57064	36.61	ng		91
31) Naphthalene	10.98	128	157818	37.30	ng		99
32) Benzoic acid	10.21	122	37292	41.86	ng		89
33) 4-Chloroaniline	11.08	127	16014	8.59	ng	#	92
34) Hexachlorobutadiene	11.26	225	40442	35.17	ng		97
35) Caprolactam	11.85	113	19468	37.92	ng	#	83
36) 4-Chloro-3-methylphenol	12.19	107	65476	38.12	ng		95
37) 2-Methylnaphthalene	12.58	142	119855	38.65	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	78494	36.59	ng		99
40) Hexachlorocyclopentadiene	12.92	237	72912	59.60	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	54548	38.40	ng		96
43) 2,4,5-Trichlorophenol	13.25	196	60209	40.11	ng		96
45) 1,1'-Biphenyl	13.57	154	163856	35.32	ng		98
46) 2-Chloronaphthalene	13.62	162	130688	36.54	ng		96
47) 2-Nitroaniline	13.82	65	46208	40.91	ng		90
48) Acenaphthylene	14.46	152	219900	36.10	ng		99
49) Dimethylphthalate	14.19	163	174444	34.30	ng		99
50) 2,6-Dinitrotoluene	14.31	165	39096	40.89	ng	#	84
51) Acenaphthene	14.80	154	129801	35.12	ng		100
52) 3-Nitroaniline	14.64	138	21317	21.46	ng		97
53) 2,4-Dinitrophenol	14.84	184	32850	66.35	ng		89
54) Dibenzofuran	15.14	168	220247	40.05	ng		95
55) 4-Nitrophenol	14.94	139	62125	71.81	ng	#	67
56) 2,4-Dinitrotoluene	15.09	165	55855	41.87	ng	#	91
57) Fluorene	15.78	166	177590	36.08	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	58201	41.89	ng		96
59) Diethylphthalate	15.54	149	183769	33.39	ng		98
60) 4-Chlorophenyl-phenylether	15.77	204	97051	34.34	ng		98
61) 4-Nitroaniline	15.80	138	40755	36.48	ng	#	79
62) Azobenzene	16.07	77	171194	37.38	ng		95
64) 4,6-Dinitro-2-methylphenol	15.85	198	27579	36.41	ng		93
65) n-Nitrosodiphenylamine	15.98	169	158261	38.68	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	65656	37.37	ng		97
67) Hexachlorobenzene	16.79	284	70701	38.63	ng		95
68) Atrazine	16.93	200	65094	36.62	ng		99
69) Pentachlorophenol	17.13	266	83217	77.90	ng		94
70) Phenanthrene	17.52	178	303607	37.95	ng		96
71) Anthracene	17.62	178	306308	37.59	ng		96
72) Carbazole	17.88	167	266047	37.06	ng		97
73) Di-n-butylphthalate	18.43	149	315619	35.87	ng		99
74) Fluoranthene	19.53	202	381508	37.28	ng		93
76) Benzidine	19.70	184	92141	16.72	ng		98
77) Pyrene	19.88	202	392130	39.72	ng		95
79) Butylbenzylphthalate	20.77	149	147206	38.04	ng		94
80) Benzo(a)anthracene	21.74	228	393577	38.31	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	73131	18.69	ng	#	98
82) Chrysene	21.80	228	352611	36.15	ng		97
83) Bis(2-ethylhexyl)phthalate	21.63	149	213206	37.54	ng		96
84) Di-n-octyl phthalate	22.86	149	361287	39.13	ng	#	96
85) Indeno(1,2,3-cd)pyrene	28.77	276	388370	36.15	ng	#	100
87) Benzo(b)fluoranthene	23.99	252	382059	38.63	ng	#	95
88) Benzo(k)fluoranthene	24.06	252	362447	37.00	ng	#	94
89) Benzo(a)pyrene	24.88	252	365622	38.94	ng	#	93
90) Dibenzo(a,h)anthracene	28.84	278	330100	35.58	ng	#	91
91) Benzo(g,h,i)perylene	29.95	276	298489	32.77	ng	#	91

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

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