Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
Data File : BG031547.D
Acq On : 14 Dec 2017 3:15
Operator : SJ/JU
Sample : PB104979BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB104979BSD

Quant Time: Dec 14 07:15:11 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	40624	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	181228	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	136209	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	417300	20.00	ng		0.00
75) Chrysene-d12	21.75	240	498729	20.00	ng		0.00
86) Perylene-d12	25.03	264	499562	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	252882	110.34	ng		0.00
7) Phenol-d6	7.28	99	338430	106.37	ng		0.00
23) Nitrobenzene-d5	9.27	82	286028	97.28	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	201913	126.53	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	892471	96.18	ng		0.00
78) Terphenyl-d14	20.07	244	1939853	88.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	35370	32.344	ng		83
3) Pyridine	3.92	79	97076	33.716	ng		85
4) n-Nitrosodimethylamine	3.83	42	47077	34.714	ng	#	89
6) Aniline	7.43	93	85652	20.442	ng		96
8) 2-Chlorophenol	7.68	128	116280	45.485	ng		92
9) Benzaldehyde	7.24	77	71973	39.026	ng		89
10) Phenol	7.31	94	148681	45.490	ng		91
11) bis(2-Chloroethyl)ether	7.52	93	98347	36.867	ng		88
12) 1,3-Dichlorobenzene	7.99	146	118565	39.000	ng		97
13) 1,4-Dichlorobenzene	8.14	146	119052	37.679	ng		98
14) 1,2-Dichlorobenzene	8.46	146	118134	39.250	ng		97
15) Benzyl Alcohol	8.35	79	94374	37.918	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.63	45	145099	48.416	ng		92
17) 2-Methylphenol	8.56	107	100655	45.178	ng		97
18) Hexachloroethane	9.19	117	40543	38.067	ng		92
19) n-Nitroso-di-n-propylamine	8.91	70	82027	32.755	ng	#	95
20) 3+4-Methylphenols	8.89	107	140410	42.305	ng		94
22) Acetophenone	8.93	105	170751	39.274	ng	#	92
24) Nitrobenzene	9.32	77	121916	40.464	ng		92
25) Isophorone	9.84	82	236613	42.582	ng	#	93
26) 2-Nitrophenol	10.04	139	65917	44.244	ng	#	84
27) 2,4-Dimethylphenol	10.09	122	118814	52.498	ng		91
28) bis(2-Chloroethoxy)methane	10.31	93	146381	40.804	ng		97
29) 2,4-Dichlorophenol	10.58	162	132418	49.661	ng		93
30) 1,2,4-Trichlorobenzene	10.78	180	138349	40.619	ng		95
31) Naphthalene	10.97	128	352219	39.561	ng		99
32) Benzoic acid	10.25	122	29741	28.541	ng	#	71
33) 4-Chloroaniline	11.10	127	35843	9.272	ng	#	92
34) Hexachlorobutadiene	11.25	225	86020	38.074	ng		99
35) Caprolactam	11.85	113	61679	58.909	ng	#	74
36) 4-Chloro-3-methylphenol	12.21	107	141653	46.540	ng	#	87
37) 2-Methylnaphthalene	12.57	142	284466	41.266	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	191035	35.886	ng		97
40) Hexachlorocyclopentadiene	12.91	237	99051	61.458	ng		89

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	120548	44.323 ng		99
43) 2,4,5-Trichlorophenol	13.26	196	136294	46.521 ng	#	93
45) 1,1'-Biphenyl	13.56	154	421670	37.692 ng		99
46) 2-Chloronaphthalene	13.62	162	325647	39.770 ng		95
47) 2-Nitroaniline	13.82	65	97399	42.331 ng	#	84
48) Acenaphthylene	14.46	152	508099	38.564 ng		98
49) Dimethylphthalate	14.18	163	489207	43.382 ng		100
50) 2,6-Dinitrotoluene	14.30	165	110078	45.669 ng	#	73
51) Acenaphthene	14.79	154	314446	37.744 ng		97
52) 3-Nitroaniline	14.64	138	47218	19.217 ng	#	76
53) 2,4-Dinitrophenol	14.87	184	23918	30.139 ng	#	46
54) Dibenzofuran	15.13	168	550126	41.381 ng		97
55) 4-Nitrophenol	14.97	139	156505	93.635 ng	#	83
56) 2,4-Dinitrotoluene	15.10	165	168429	49.198 ng	#	75
57) Fluorene	15.78	166	455086	42.723 ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	143596	52.144 ng	#	91
59) Diethylphthalate	15.53	149	515912	45.642 ng		99
60) 4-Chlorophenyl-phenylether	15.76	204	265816	40.788 ng		90
61) 4-Nitroaniline	15.81	138	126568	49.086 ng		85
62) Azobenzene	16.05	77	388344	41.474 ng		92
64) 4,6-Dinitro-2-methylphenol	15.87	198	48462	22.133 ng		78
65) n-Nitrosodiphenylamine	15.98	169	444330	36.377 ng		99
66) 4-Bromophenyl-phenylether	16.65	248	182833	37.678 ng		97
67) Hexachlorobenzene	16.78	284	189189	37.756 ng		95
68) Atrazine	16.92	200	211734	47.408 ng		97
69) Pentachlorophenol	17.13	266	143567	61.049 ng		97
70) Phenanthrene	17.52	178	863722	39.631 ng		99
71) Anthracene	17.61	178	895871	41.563 ng		99
72) Carbazole	17.88	167	871624	44.685 ng		99
73) Di-n-butylphthalate	18.42	149	1010555	44.863 ng		99
74) Fluoranthene	19.52	202	1219054	44.696 ng		98
76) Benzidine	19.69	184	468147	40.335 ng		98
77) Pyrene	19.88	202	1257812	40.589 ng		97
79) Butylbenzylphthalate	20.74	149	462834	42.574 ng		85
80) Benzo(a)anthracene	21.73	228	1223609	40.648 ng		98
81) 3,3'-Dichlorobenzidine	21.64	252	264866	25.281 ng		97
82) Chrysene	21.79	228	1161261	40.240 ng		97
83) Bis(2-ethylhexyl)phthalate	21.60	149	651164	41.633 ng		100
84) Di-n-octyl phthalate	22.82	149	1109720	43.013 ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.82	276	1343107	43.549 ng		99
87) Benzo(b)fluoranthene	23.99	252	1223057	40.951 ng		99
88) Benzo(k)fluoranthene	24.06	252	1189710	39.034 ng		98
89) Benzo(a)pyrene	24.88	252	1189050	41.968 ng		97
90) Dibenzo(a,h)anthracene	28.86	278	1125981	41.560 ng		97
91) Benzo(g,h,i)perylene	29.99	276	1136777	42.678 ng		98

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

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