Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
Data File : BG031628.D
Acq On : 18 Dec 2017 10:55
Operator : SJ/JU
Sample : PB105101BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105101BS

Quant Time: Dec 19 07:18:41 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	8.09	152	76706	20.00	ng		-0.01
21) Naphthalene-d8	10.91	136	330062	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	225371	20.00	ng		0.00
63) Phenanthrene-d10	17.46	188	559151	20.00	ng		-0.01
75) Chrysene-d12	21.74	240	615417	20.00	ng		-0.01
86) Perylene-d12	25.01	264	558007	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	500687	115.70	ng		-0.01
7) Phenol-d6	7.27	99	639171	106.39	ng		0.00
23) Nitrobenzene-d5	9.27	82	545495	101.87	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	311066	117.81	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1563355	101.82	ng		0.00
78) Terphenyl-d14	20.06	244	2500582	92.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	65265	31.608	ng	#	80
3) Pyridine	3.90	79	185026	34.034	ng		88
4) n-Nitrosodimethylamine	3.82	42	93620	36.560	ng	#	90
6) Aniline	7.42	93	156434	19.773	ng		96
8) 2-Chlorophenol	7.66	128	245572	50.874	ng		86
9) Benzaldehyde	7.23	77	115112	33.057	ng		84
10) Phenol	7.29	94	303388	49.160	ng		93
11) bis(2-Chloroethyl)ether	7.51	93	209931	41.678	ng		86
12) 1,3-Dichlorobenzene	7.98	146	252840	44.046	ng		96
13) 1,4-Dichlorobenzene	8.13	146	258050	43.254	ng		97
14) 1,2-Dichlorobenzene	8.45	146	248593	43.743	ng		97
15) Benzyl Alcohol	8.34	79	198476	42.233	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.62	45	297920	52.647	ng		87
17) 2-Methylphenol	8.55	107	206968	49.198	ng		96
18) Hexachloroethane	9.18	117	88369	43.942	ng		89
19) n-Nitroso-di-n-propylamine	8.90	70	166551	35.223	ng	#	95
20) 3+4-Methylphenols	8.88	107	283617	45.256	ng		95
22) Acetophenone	8.92	105	352127	44.471	ng	#	92
24) Nitrobenzene	9.31	77	253786	46.250	ng	#	89
25) Isophorone	9.83	82	468331	46.278	ng	#	91
26) 2-Nitrophenol	10.03	139	145860	53.756	ng	#	87
27) 2,4-Dimethylphenol	10.08	122	240536	58.356	ng		93
28) bis(2-Chloroethoxy)methane	10.30	93	300102	45.933	ng	#	96
29) 2,4-Dichlorophenol	10.57	162	277330	57.108	ng		91
30) 1,2,4-Trichlorobenzene	10.77	180	298803	48.169	ng		96
31) Naphthalene	10.96	128	728393	44.921	ng		98
32) Benzoic acid	10.27	122	73874	35.102	ng	#	84
33) 4-Chloroaniline	11.09	127	66265	9.412	ng		94
34) Hexachlorobutadiene	11.24	225	193827	47.106	ng		96
35) Caprolactam	11.85	113	93967m	49.277	ng		
36) 4-Chloro-3-methylphenol	12.21	107	268122	48.369	ng		86
37) 2-Methylnaphthalene	12.56	142	579889	46.189	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	398168	45.205	ng	#	96
40) Hexachlorocyclopentadiene	12.90	237	256194	82.991	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	237202	52.710	ng		98
43) 2,4,5-Trichlorophenol	13.26	196	256453	52.903	ng	#	94
45) 1,1'-Biphenyl	13.56	154	821939	44.404	ng		98
46) 2-Chloronaphthalene	13.60	162	631039	46.577	ng		95
47) 2-Nitroaniline	13.82	65	166883	43.835	ng	#	78
48) Acenaphthylene	14.45	152	950262	43.590	ng		98
49) Dimethylphthalate	14.17	163	843770	45.222	ng		98
50) 2,6-Dinitrotoluene	14.30	165	195007	48.897	ng	#	74
51) Acenaphthene	14.79	154	600395	43.556	ng		98
52) 3-Nitroaniline	14.64	138	80317	19.756	ng	#	76
53) 2,4-Dinitrophenol	14.86	184	132675	79.750	ng	#	50
54) Dibenzofuran	15.12	168	982005	44.644	ng		99
55) 4-Nitrophenol	14.97	139	253661	91.794	ng	#	79
56) 2,4-Dinitrotoluene	15.10	165	277796	49.042	ng	#	72
57) Fluorene	15.77	166	788219	44.722	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	246296	54.054	ng	#	86
59) Diethylphthalate	15.53	149	817926	43.733	ng		97
60) 4-Chlorophenyl-phenylether	15.75	204	478339	44.360	ng		92
61) 4-Nitroaniline	15.80	138	190698	44.698	ng		88
62) Azobenzene	16.05	77	642490	41.470	ng		91
64) 4,6-Dinitro-2-methylphenol	15.87	198	136962	41.239	ng	#	76
65) n-Nitrosodiphenylamine	15.97	169	737879	45.085	ng		98
66) 4-Bromophenyl-phenylether	16.65	248	323430	49.743	ng		95
67) Hexachlorobenzene	16.78	284	331738	49.409	ng		94
68) Atrazine	16.91	200	319078	53.319	ng		97
69) Pentachlorophenol	17.12	266	232364	72.564	ng		99
70) Phenanthrene	17.51	178	1334484	45.698	ng		97
71) Anthracene	17.60	178	1375499	47.626	ng		98
72) Carbazole	17.87	167	1262925	48.321	ng		99
73) Di-n-butylphthalate	18.40	149	1393093	46.156	ng		99
74) Fluoranthene	19.51	202	1729408	47.322	ng		95
76) Benzidine	19.69	184	490996	34.283	ng		98
77) Pyrene	19.87	202	1758922	45.997	ng		94
79) Butylbenzylphthalate	20.74	149	674023	50.244	ng	#	81
80) Benzo(a)anthracene	21.72	228	1736913	46.759	ng		97
81) 3,3'-Dichlorobenzidine	21.62	252	401559	31.061	ng		99
82) Chrysene	21.79	228	1649281	46.315	ng		96
83) Bis(2-ethylhexyl)phthalate	21.59	149	914557	47.386	ng		100
84) Di-n-octyl phthalate	22.81	149	1496287	47.000	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.79	276	1690365	44.417	ng		97
87) Benzo(b)fluoranthene	23.97	252	1618516m	48.516	ng		
88) Benzo(k)fluoranthene	24.04	252	1607954	47.231	ng		97
89) Benzo(a)pyrene	24.87	252	1561374	49.338	ng		98
90) Dibenzo(a,h)anthracene	28.83	278	1421409	46.969	ng		97
91) Benzo(g,h,i)perylene	29.96	276	1408703	47.348	ng		97

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

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