Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
Data File : BG031598.D
Acq On : 15 Dec 2017 21:28
Operator : SJ/JU
Sample : PB105057BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB105057BSD

Manual Integrations APPROVED
Sohil
12/18/2017 2:06:10 PM

Quant Time: Dec 16 00:01:49 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	64513	20.00	ng		-0.01
21) Naphthalene-d8	10.91	136	285466	20.00	ng		-0.01
38) Acenaphthene-d10	14.72	164	196612	20.00	ng		-0.01
63) Phenanthrene-d10	17.47	188	509886	20.00	ng		-0.01
75) Chrysene-d12	21.74	240	564166	20.00	ng		0.00
86) Perylene-d12	25.02	264	510309	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	416760	114.51	ng		-0.01
7) Phenol-d6	7.27	99	534760	105.84	ng		0.00
23) Nitrobenzene-d5	9.27	82	454065	98.04	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	268135	116.41	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1316116	98.26	ng		0.00
78) Terphenyl-d14	20.06	244	2244816	90.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	63347	36.478	ng		85
3) Pyridine	3.90	79	183189	40.065	ng		88
4) n-Nitrosodimethylamine	3.82	42	91977	42.708	ng	#	93
6) Aniline	7.42	93	233788	35.135	ng		95
8) 2-Chlorophenol	7.67	128	226443	55.777	ng		89
9) Benzaldehyde	7.23	77	118817	40.570	ng		86
10) Phenol	7.30	94	284048	54.725	ng		91
11) bis(2-Chloroethyl)ether	7.51	93	196010	46.269	ng		87
12) 1,3-Dichlorobenzene	7.98	146	230417	47.726	ng		95
13) 1,4-Dichlorobenzene	8.13	146	234833	46.802	ng		93
14) 1,2-Dichlorobenzene	8.45	146	225012	47.076	ng		97
15) Benzyl Alcohol	8.34	79	195076	49.355	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.62	45	281014	59.045	ng		91
17) 2-Methylphenol	8.55	107	196799	55.622	ng		96
18) Hexachloroethane	9.18	117	80970	47.873	ng		89
19) n-Nitroso-di-n-propylamine	8.90	70	161903	40.711	ng	#	95
20) 3+4-Methylphenols	8.88	107	271992	51.604	ng		94
22) Acetophenone	8.92	105	331954	48.472	ng	#	92
24) Nitrobenzene	9.31	77	240569	50.690	ng		90
25) Isophorone	9.83	82	457144	52.229	ng	#	93
26) 2-Nitrophenol	10.02	139	135386	57.691	ng		90
27) 2,4-Dimethylphenol	10.08	122	230260	64.590	ng		93
28) bis(2-Chloroethoxy)methane	10.30	93	286323	50.670	ng		95
29) 2,4-Dichlorophenol	10.57	162	263265	62.680	ng		93
30) 1,2,4-Trichlorobenzene	10.77	180	271738	50.649	ng		97
31) Naphthalene	10.96	128	670128	47.784	ng		99
32) Benzoic acid	10.26	122	76106	39.520	ng	#	77
33) 4-Chloroaniline	11.09	127	110991	18.227	ng		94
34) Hexachlorobutadiene	11.24	225	169604	47.659	ng		97
35) Caprolactam	11.86	113	98482m	59.713	ng		
36) 4-Chloro-3-methylphenol	12.20	107	268498	56.004	ng	#	85
37) 2-Methylnaphthalene	12.56	142	546798	50.357	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	363610	47.320	ng		97
40) Hexachlorocyclopentadiene	12.90	237	250338	89.492	ng		92

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Quant Time: Dec 16 00:01:49 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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	234347	59.693	ng		99
43) 2,4,5-Trichlorophenol	13.25	196	254312	60.136	ng	#	91
45) 1,1'-Biphenyl	13.56	154	778215	48.191	ng		98
46) 2-Chloronaphthalene	13.61	162	598138	50.607	ng		96
47) 2-Nitroaniline	13.82	65	171761	51.716	ng	#	76
48) Acenaphthylene	14.45	152	918342	48.288	ng		99
49) Dimethylphthalate	14.18	163	834570	51.272	ng		99
50) 2,6-Dinitrotoluene	14.31	165	193860	55.719	ng	#	74
51) Acenaphthene	14.79	154	572772	47.630	ng		97
52) 3-Nitroaniline	14.64	138	122427	34.519	ng	#	78
53) 2,4-Dinitrophenol	14.86	184	160444	107.053	ng	#	47
54) Dibenzofuran	15.12	168	940809	49.027	ng		98
55) 4-Nitrophenol	14.97	139	272999	112.415	ng	#	77
56) 2,4-Dinitrotoluene	15.10	165	276626	55.978	ng	#	75
57) Fluorene	15.77	166	763231	49.638	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	245846	61.847	ng	#	89
59) Diethylphthalate	15.53	149	827755	50.733	ng		98
60) 4-Chlorophenyl-phenylether	15.75	204	461609	49.070	ng		92
61) 4-Nitroaniline	15.80	138	203603	54.704	ng		89
62) Azobenzene	16.05	77	649282	48.039	ng		91
64) 4,6-Dinitro-2-methylphenol	15.87	198	147557	47.831	ng	#	75
65) n-Nitrosodiphenylamine	15.97	169	726439	48.674	ng		99
66) 4-Bromophenyl-phenylether	16.65	248	305823	51.580	ng		97
67) Hexachlorobenzene	16.78	284	314510	51.369	ng		96
68) Atrazine	16.91	200	314291	57.593	ng		98
69) Pentachlorophenol	17.13	266	258542	87.294	ng		98
70) Phenanthrene	17.51	178	1312825	49.300	ng		97
71) Anthracene	17.60	178	1356546	51.508	ng		98
72) Carbazole	17.87	167	1269286	53.256	ng		98
73) Di-n-butylphthalate	18.41	149	1420020	51.593	ng		99
74) Fluoranthene	19.52	202	1723325	51.711	ng		96
76) Benzidine	19.69	184	628786	47.892	ng		98
77) Pyrene	19.88	202	1770412	50.504	ng		94
79) Butylbenzylphthalate	20.74	149	695860	56.584	ng	#	83
80) Benzo(a)anthracene	21.72	228	1742609	51.174	ng		96
81) 3,3'-Dichlorobenzidine	21.63	252	541090	45.656	ng		97
82) Chrysene	21.79	228	1648124	50.487	ng		95
83) Bis(2-ethylhexyl)phthalate	21.60	149	933982	52.789	ng		99
84) Di-n-octyl phthalate	22.81	149	1521817	52.145	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.79	276	1675739	48.032	ng	#	53
87) Benzo(b)fluoranthene	23.98	252	1631406m	53.473	ng		
88) Benzo(k)fluoranthene	24.05	252	1578397	50.696	ng		97
89) Benzo(a)pyrene	24.87	252	1551350	53.603	ng		99
90) Dibenzo(a,h)anthracene	28.84	278	1405697	50.791	ng		98
91) Benzo(g,h,i)perylene	29.97	276	1408034	51.749	ng		96

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

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