Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
Data File : BG028896.D
Acq On : 23 Sep 2017 13:39
Operator : SJ/JU
Sample : PB102530BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 25 16:12:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : PB102530BS

Manual Integrations APPROVED
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9/25/2017 6:29:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	23018	20.00	ng		-0.06
21) Naphthalene-d8	11.10	136	96941	20.00	ng		-0.05
38) Acenaphthene-d10	14.89	164	80108	20.00	ng		-0.05
63) Phenanthrene-d10	17.64	188	242751	20.00	ng		-0.05
75) Chrysene-d12	21.96	240	297261	20.00	ng		-0.07
86) Perylene-d12	25.41	264	296343	20.00	ng		-0.12
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	121983	87.44	ng		-0.05
7) Phenol-d6	7.44	99	168184	80.08	ng		-0.05
23) Nitrobenzene-d5	9.45	82	158327	78.13	ng		-0.06
41) 2,4,6-Tribromophenol	16.38	330	121991	92.07	ng		-0.05
44) 2-Fluorobiphenyl	13.52	172	445634	74.18	ng		-0.05
78) Terphenyl-d14	20.23	244	983152	70.53	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.77	88	18722	33.141	ng		97
3) Pyridine	4.16	79	52247	32.422	ng		94
4) n-Nitrosodimethylamine	4.07	42	28103	38.338	ng	#	66
6) Aniline	7.60	93	80679	33.006	ng	#	93
8) 2-Chlorophenol	7.84	128	64835	41.692	ng		97
9) Benzaldehyde	7.42	77	18443	14.153	ng		95
10) Phenol	7.46	94	92260	41.622	ng		82
11) bis(2-Chloroethyl)ether	7.68	93	57439	36.093	ng		84
12) 1,3-Dichlorobenzene	8.16	146	63362	37.839	ng		93
13) 1,4-Dichlorobenzene	8.31	146	66528	38.637	ng		95
14) 1,2-Dichlorobenzene	8.63	146	61657	36.245	ng		96
15) Benzyl Alcohol	8.52	79	62774	38.286	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.79	45	101828	35.207	ng		99
17) 2-Methylphenol	8.72	107	59847	41.318	ng		93
18) Hexachloroethane	9.36	117	24380	38.631	ng		94
19) n-Nitroso-di-n-propylamine	9.07	70	55295	37.138	ng	#	85
20) 3+4-Methylphenols	9.05	107	80503	39.735	ng		95
22) Acetophenone	9.10	105	99604	35.140	ng	#	87
24) Nitrobenzene	9.49	77	81610	36.369	ng	#	89
25) Isophorone	10.00	82	145293	35.434	ng		98
26) 2-Nitrophenol	10.21	139	35194	36.851	ng	#	82
27) 2,4-Dimethylphenol	10.25	122	69388	39.748	ng		95
28) bis(2-Chloroethoxy)methane	10.48	93	81500	36.601	ng		96
29) 2,4-Dichlorophenol	10.74	162	75375	43.396	ng		94
30) 1,2,4-Trichlorobenzene	10.96	180	73265	36.975	ng		97
31) Naphthalene	11.14	128	194566	38.428	ng		96
32) Benzoic acid	10.39	122	32766	29.164	ng		89
33) 4-Chloroaniline	11.25	127	48669	22.946	ng		93
34) Hexachlorobutadiene	11.42	225	51633	35.378	ng		99
35) Caprolactam	12.03	113	31267m	50.199	ng		
36) 4-Chloro-3-methylphenol	12.37	107	92128	40.756	ng		95
37) 2-Methylnaphthalene	12.74	142	153875	40.706	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	98971	30.048	ng		98
40) Hexachlorocyclopentadiene	13.07	237	82676	66.075	ng		98

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Quant Time: Sep 25 16:12:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	75403	36.069	ng		96
43) 2,4,5-Trichlorophenol	13.42	196	83352	39.679	ng		92
45) 1,1'-Biphenyl	13.72	154	212525	32.042	ng		97
46) 2-Chloronaphthalene	13.78	162	167360	34.595	ng		94
47) 2-Nitroaniline	13.98	65	72506	40.327	ng		87
48) Acenaphthylene	14.62	152	282649	36.570	ng		99
49) Dimethylphthalate	14.34	163	264876	39.431	ng		97
50) 2,6-Dinitrotoluene	14.47	165	59909	40.080	ng	#	79
51) Acenaphthene	14.96	154	172289	36.696	ng		98
52) 3-Nitroaniline	14.80	138	42979	32.515	ng		97
53) 2,4-Dinitrophenol	15.02	184	54904	70.739	ng		97
54) Dibenzofuran	15.29	168	306337	40.915	ng		93
55) 4-Nitrophenol	15.11	139	89886	92.816	ng	#	83
56) 2,4-Dinitrotoluene	15.26	165	94818	45.115	ng	#	89
57) Fluorene	15.94	166	264838	39.621	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.52	232	89211	48.186	ng		94
59) Diethylphthalate	15.69	149	291596	42.240	ng		97
60) 4-Chlorophenyl-phenylether	15.92	204	153049	40.210	ng		94
61) 4-Nitroaniline	15.97	138	66868	47.751	ng	#	83
62) Azobenzene	16.21	77	260512	44.871	ng		93
64) 4,6-Dinitro-2-methylphenol	16.03	198	54743	34.949	ng		95
65) n-Nitrosodiphenylamine	16.14	169	245670	35.303	ng		98
66) 4-Bromophenyl-phenylether	16.82	248	114421	36.632	ng		96
67) Hexachlorobenzene	16.95	284	119461	33.603	ng	#	85
68) Atrazine	17.08	200	114501	38.321	ng		94
69) Pentachlorophenol	17.30	266	119846	74.612	ng		97
70) Phenanthrene	17.69	178	490129	39.482	ng		94
71) Anthracene	17.78	178	502051	40.036	ng		96
72) Carbazole	18.05	167	444552	39.362	ng		95
73) Di-n-butylphthalate	18.58	149	538290	38.871	ng	#	93
74) Fluoranthene	19.69	202	631366	41.654	ng		92
76) Benzidine	19.86	184	436756	56.658	ng		97
77) Pyrene	20.05	202	651686	38.008	ng		95
79) Butylbenzylphthalate	20.91	149	245270	35.419	ng		90
80) Benzo(a)anthracene	21.94	228	673625	37.647	ng		93
81) 3,3'-Dichlorobenzidine	21.84	252	177649	24.488	ng	#	95
82) Chrysene	22.01	228	632760	37.270	ng		95
83) Bis(2-ethylhexyl)phthalate	21.80	149	349990	35.551	ng		98
84) Di-n-octyl phthalate	23.08	149	611933	35.577	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.39	276	814549	37.341	ng		99
87) Benzo(b)fluoranthene	24.31	252	698084	39.319	ng		96
88) Benzo(k)fluoranthene	24.39	252	669407	37.746	ng		92
89) Benzo(a)pyrene	25.25	252	674383	40.017	ng	#	96
90) Dibenzo(a,h)anthracene	29.43	278	690012	39.273	ng	#	98
91) Benzo(g,h,i)perylene	30.62	276	678989	39.606	ng		97

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

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