Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033743.D
Acq On : 11 Apr 2018 11:17
Operator : SJ/JU
Sample : PB108084BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB108084BS

Manual Integrations APPROVED
Sohil
4/11/2018 5:18:43 PM

Quant Time: Apr 11 12:05:16 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	34722	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	146374	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	104438	20.00	ng		0.00
63) Phenanthrene-d10	18.20	188	289479	20.00	ng		0.00
75) Chrysene-d12	22.56	240	318022	20.00	ng		0.00
86) Perylene-d12	26.31	264	339206	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	303719	164.02	ng		0.00
7) Phenol-d6	7.97	99	435626	136.92	ng		0.00
23) Nitrobenzene-d5	10.05	82	278241	87.33	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	211844	135.62	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	651288	90.03	ng		0.00
78) Terphenyl-d14	20.72	244	1343138	90.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	39075	41.553	ng		93
3) Pyridine	4.38	79	111338	42.830	ng		99
4) n-Nitrosodimethylamine	4.29	42	55736	52.246	ng	#	80
6) Aniline	8.15	93	73817	19.729	ng		100
8) 2-Chlorophenol	8.40	128	103172	48.737	ng		90
9) Benzaldehyde	7.97	77	29953m	14.814	ng		
10) Phenol	8.00	94	155972	49.653	ng		90
11) bis(2-Chloroethyl)ether	8.24	93	108682	42.388	ng		98
12) 1,3-Dichlorobenzene	8.74	146	110659	39.983	ng	#	94
13) 1,4-Dichlorobenzene	8.89	146	110630	39.913	ng		95
14) 1,2-Dichlorobenzene	9.22	146	111350	41.161	ng		97
15) Benzyl Alcohol	9.10	79	110189	43.987	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.38	45	187871	44.947	ng		92
17) 2-Methylphenol	9.29	107	95189m	44.482	ng		
18) Hexachloroethane	9.97	117	47443	44.349	ng		95
19) n-Nitroso-di-n-propylamine	9.66	70	96404	41.351	ng		99
20) 3+4-Methylphenols	9.63	107	137601	45.162	ng		86
22) Acetophenone	9.70	105	167158	41.684	ng	#	96
24) Nitrobenzene	10.10	77	148651	43.592	ng		95
25) Isophorone	10.62	82	276846	44.773	ng		98
26) 2-Nitrophenol	10.83	139	57510	44.545	ng	#	83
27) 2,4-Dimethylphenol	10.86	122	105679	56.347	ng		94
28) bis(2-Chloroethoxy)methane	11.10	93	139592	45.246	ng		94
29) 2,4-Dichlorophenol	11.37	162	110414	47.871	ng		95
30) 1,2,4-Trichlorobenzene	11.59	180	123368	41.168	ng		99
31) Naphthalene	11.79	128	338619	44.642	ng		98
32) Benzoic acid	11.00	122	42670	24.474	ng	#	80
33) 4-Chloroaniline	11.90	127	34210	10.067	ng		97
34) Hexachlorobutadiene	12.04	225	90288	39.842	ng		98
35) Caprolactam	12.63	113	43505	48.146	ng		95
36) 4-Chloro-3-methylphenol	12.96	107	136382	45.336	ng		96
37) 2-Methylnaphthalene	13.34	142	243817	41.414	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	156807	41.450	ng		98
40) Hexachlorocyclopentadiene	13.67	237	188707	85.091	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	99105	45.090	ng		94
43) 2,4,5-Trichlorophenol	14.00	196	113764	43.790	ng		94
45) 1,1'-Biphenyl	14.31	154	338824	42.228	ng		93
46) 2-Chloronaphthalene	14.37	162	264439	42.743	ng		93
47) 2-Nitroaniline	14.57	65	110242	47.574	ng		93
48) Acenaphthylene	15.21	152	436729	42.291	ng		99
49) Dimethylphthalate	14.90	163	394268	43.379	ng		100
50) 2,6-Dinitrotoluene	15.04	165	85898	46.221	ng		99
51) Acenaphthene	15.54	154	331823	49.845	ng		96
52) 3-Nitroaniline	15.38	138	36408	18.686	ng	#	94
53) 2,4-Dinitrophenol	15.57	184	93383	95.404	ng	#	79
54) Dibenzofuran	15.86	168	436529	44.393	ng		91
55) 4-Nitrophenol	15.66	139	144102	105.180	ng	#	82
56) 2,4-Dinitrotoluene	15.81	165	129754	47.419	ng		95
57) Fluorene	16.51	166	372880	44.511	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.08	232	114789	46.934	ng		98
59) Diethylphthalate	16.24	149	397723	45.065	ng		99
60) 4-Chlorophenyl-phenylether	16.48	204	202920	42.138	ng		95
61) 4-Nitroaniline	16.53	138	80961	41.033	ng	#	79
62) Azobenzene	16.77	77	392877	45.954	ng		97
64) 4,6-Dinitro-2-methylphenol	16.57	198	74720	43.147	ng		99
65) n-Nitrosodiphenylamine	16.70	169	346057	41.874	ng		94
66) 4-Bromophenyl-phenylether	17.37	248	137014	40.302	ng		94
67) Hexachlorobenzene	17.51	284	143350	39.954	ng		96
68) Atrazine	17.61	200	157453	47.017	ng		98
69) Pentachlorophenol	17.84	266	177498	72.079	ng		98
70) Phenanthrene	18.25	178	655088	43.452	ng		99
71) Anthracene	18.34	178	675451	44.249	ng		99
72) Carbazole	18.60	167	623873	46.121	ng		98
73) Di-n-butylphthalate	19.09	149	729697	46.346	ng	#	99
74) Fluoranthene	20.20	202	876918	47.004	ng		98
76) Benzidine	20.36	184	274544	31.834	ng		99
77) Pyrene	20.56	202	883111	41.636	ng		98
79) Butylbenzylphthalate	21.41	149	349188	44.613	ng		99
80) Benzo(a)anthracene	22.53	228	868897	42.908	ng		99
81) 3,3'-Dichlorobenzidine	22.41	252	140977	19.564	ng		96
82) Chrysene	22.60	228	825607	42.118	ng		97
83) Bis(2-ethylhexyl)phthalate	22.34	149	479259	44.419	ng		96
84) Di-n-octyl phthalate	23.74	149	844080	51.094	ng		99
85) Indeno(1,2,3-cd)pyrene	30.69	276	998770	47.126	ng	#	90
87) Benzo(b)fluoranthene	25.11	252	850217	43.384	ng	#	96
88) Benzo(k)fluoranthene	25.18	252	868906	43.838	ng	#	98
89) Benzo(a)pyrene	26.13	252	854324	45.394	ng	#	98
90) Dibenzo(a,h)anthracene	30.76	278	831452	46.901	ng		99
91) Benzo(g,h,i)perylene	32.06	276	824781	46.983	ng	#	96

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

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