Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
Data File : BG031524.D
Acq On : 13 Dec 2017 12:50
Operator : SJ/JU
Sample : PB104960BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104960BS

Manual Integrations APPROVED
Sohil
12/15/2017 7:47:48 PM

Quant Time: Dec 13 15:26:55 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	8.11	152	50538	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	216383	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	151008	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	437879	20.00	ng		0.00
75) Chrysene-d12	21.75	240	520805	20.00	ng		0.00
86) Perylene-d12	25.04	264	524352	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	338696	118.79	ng		0.00
7) Phenol-d6	7.28	99	444879	112.40	ng		0.00
23) Nitrobenzene-d5	9.27	82	367915	104.80	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	233548	132.01	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1072044	104.21	ng		0.00
78) Terphenyl-d14	20.07	244	2087903	91.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	54753	40.247	ng	#	80
3) Pyridine	3.92	79	147313	41.128	ng		85
4) n-Nitrosodimethylamine	3.83	42	67925	40.261	ng	#	93
6) Aniline	7.42	93	117335	22.510	ng		92
8) 2-Chlorophenol	7.68	128	172818	54.339	ng		85
9) Benzaldehyde	7.24	77	41504	18.090	ng		83
10) Phenol	7.31	94	217802	53.565	ng		90
11) bis(2-Chloroethyl)ether	7.52	93	148843	44.850	ng		85
12) 1,3-Dichlorobenzene	7.99	146	180922m	47.837	ng		
13) 1,4-Dichlorobenzene	8.14	146	182751	46.493	ng		92
14) 1,2-Dichlorobenzene	8.46	146	172335	46.026	ng		98
15) Benzyl Alcohol	8.35	79	140994	45.537	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.63	45	215737	57.864	ng		92
17) 2-Methylphenol	8.56	107	146305	52.785	ng		95
18) Hexachloroethane	9.19	117	62695	47.318	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	117761	37.800	ng	#	95
20) 3+4-Methylphenols	8.89	107	198661	48.114	ng		95
22) Acetophenone	8.93	105	232138	44.719	ng	#	92
24) Nitrobenzene	9.32	77	178806	49.704	ng		91
25) Isophorone	9.84	82	339038	51.102	ng	#	91
26) 2-Nitrophenol	10.03	139	98423	55.330	ng	#	87
27) 2,4-Dimethylphenol	10.09	122	166911	61.768	ng		93
28) bis(2-Chloroethoxy)methane	10.31	93	213044	49.739	ng	#	96
29) 2,4-Dichlorophenol	10.58	162	190692	59.896	ng		90
30) 1,2,4-Trichlorobenzene	10.78	180	201819	49.627	ng		96
31) Naphthalene	10.97	128	508539	47.839	ng		99
32) Benzoic acid	10.25	122	69709	44.961	ng		86
33) 4-Chloroaniline	11.10	127	51837	11.231	ng	#	93
34) Hexachlorobutadiene	11.25	225	127389	47.225	ng		96
35) Caprolactam	11.85	113	79176m	63.334	ng		
36) 4-Chloro-3-methylphenol	12.21	107	194913	53.635	ng	#	82
37) 2-Methylnaphthalene	12.57	142	407135	49.466	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	251127	42.551	ng		95
40) Hexachlorocyclopentadiene	12.91	237	187822	88.112	ng		94

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Quant Time: Dec 13 15:26:55 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	170559	56.565 ng		98
43) 2,4,5-Trichlorophenol	13.26	196	186911	57.545 ng	#	92
45) 1,1'-Biphenyl	13.56	154	537980	43.376 ng		99
46) 2-Chloronaphthalene	13.61	162	448640	49.421 ng		96
47) 2-Nitroaniline	13.82	65	126934	49.761 ng	#	81
48) Acenaphthylene	14.46	152	695387	47.607 ng		98
49) Dimethylphthalate	14.18	163	646623	51.722 ng		100
50) 2,6-Dinitrotoluene	14.30	165	143259	53.610 ng	#	75
51) Acenaphthene	14.79	154	434279	47.020 ng		97
52) 3-Nitroaniline	14.65	138	50321	18.473 ng	#	85
53) 2,4-Dinitrophenol	14.86	184	136952	117.967 ng	#	48
54) Dibenzofuran	15.13	168	723610	49.097 ng		100
55) 4-Nitrophenol	14.97	139	219877	117.711 ng	#	79
56) 2,4-Dinitrotoluene	15.10	165	218710	57.624 ng	#	72
57) Fluorene	15.78	166	591214	50.063 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	190603	62.431 ng	#	90
59) Diethylphthalate	15.53	149	667640	53.277 ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	350281	48.481 ng		92
61) 4-Nitroaniline	15.81	138	162893	56.983 ng		87
62) Azobenzene	16.06	77	507178	48.857 ng		93
64) 4,6-Dinitro-2-methylphenol	15.87	198	118898	45.182 ng	#	74
65) n-Nitrosodiphenylamine	15.98	169	577644	45.069 ng		99
66) 4-Bromophenyl-phenylether	16.65	248	241130	47.357 ng		97
67) Hexachlorobenzene	16.78	284	248591	47.280 ng		96
68) Atrazine	16.92	200	269279	57.459 ng		96
69) Pentachlorophenol	17.14	266	218957	86.164 ng		97
70) Phenanthrene	17.52	178	1100985	48.144 ng		98
71) Anthracene	17.61	178	1144626	50.608 ng		99
72) Carbazole	17.88	167	1099446	53.716 ng		99
73) Di-n-butylphthalate	18.41	149	1293738	54.735 ng		99
74) Fluoranthene	19.52	202	1515766	52.963 ng		97
76) Benzidine	19.70	184	378157	31.201 ng		98
77) Pyrene	19.88	202	1541373	47.631 ng		96
79) Butylbenzylphthalate	20.74	149	602200	53.045 ng		86
80) Benzo(a)anthracene	21.73	228	1536527	48.879 ng		98
81) 3,3'-Dichlorobenzidine	21.64	252	293549	26.831 ng		98
82) Chrysene	21.80	228	1475304	48.955 ng		96
83) Bis(2-ethylhexyl)phthalate	21.60	149	847899	51.914 ng		99
84) Di-n-octyl phthalate	22.83	149	1425585	52.914 ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.83	276	1738507	53.980 ng		98
87) Benzo(b)fluoranthene	24.00	252	1571590	50.133 ng		98
88) Benzo(k)fluoranthene	24.06	252	1507713	47.129 ng		98
89) Benzo(a)pyrene	24.89	252	1515907	50.975 ng		99
90) Dibenzo(a,h)anthracene	28.88	278	1443711	50.768 ng		97
91) Benzo(g,h,i)perylene	30.00	276	1461340	52.269 ng		98

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

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