Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
Data File : BG031417.D
Acq On : 8 Dec 2017 11:03
Operator : SJ/JU
Sample : PB104800BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104800BSD

Manual Integrations APPROVED
Sohil
12/11/2017 6:17:18 PM

Quant Time: Dec 08 13:34:43 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 17:58:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	44206	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	202961	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	150050	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	421530	20.00	ng		0.00
75) Chrysene-d12	21.77	240	476886	20.00	ng		0.00
86) Perylene-d12	25.06	264	472328	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	198113	76.85	ng		0.00
7) Phenol-d6	7.29	99	274894	79.15	ng		0.00
23) Nitrobenzene-d5	9.29	82	238673	69.68	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	146990	60.56	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	713127	68.29	ng		0.00
78) Terphenyl-d14	20.08	244	1372434	63.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	26436	25.269	ng	#	88
3) Pyridine	3.94	79	76238	25.102	ng		95
4) n-Nitrosodimethylamine	3.85	42	43230	30.033	ng		92
6) Aniline	7.45	93	40590	8.880	ng	#	89
8) 2-Chlorophenol	7.69	128	102419	36.000	ng		91
9) Benzaldehyde	7.27	77	35019	14.409	ng		99
10) Phenol	7.32	94	136932	37.965	ng		93
11) bis(2-Chloroethyl)ether	7.54	93	91309	31.706	ng		93
12) 1,3-Dichlorobenzene	8.01	146	104461	31.296	ng		97
13) 1,4-Dichlorobenzene	8.16	146	108824	32.173	ng		92
14) 1,2-Dichlorobenzene	8.48	146	106163	32.701	ng		97
15) Benzyl Alcohol	8.36	79	87819	31.523	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	150305	47.251	ng		91
17) 2-Methylphenol	8.58	107	91166	36.297	ng		98
18) Hexachloroethane	9.21	117	37854	32.155	ng		96
19) n-Nitroso-di-n-propylamine	8.92	70	77574	29.376	ng	#	96
20) 3+4-Methylphenols	8.90	107	124909	34.975	ng		95
22) Acetophenone	8.95	105	147511	29.190	ng	#	94
24) Nitrobenzene	9.33	77	117871	33.689	ng		95
25) Isophorone	9.86	82	221216	33.117	ng		95
26) 2-Nitrophenol	10.05	139	58306	31.971	ng		91
27) 2,4-Dimethylphenol	10.10	122	104983	38.775	ng		93
28) bis(2-Chloroethoxy)methane	10.33	93	137897	32.777	ng		96
29) 2,4-Dichlorophenol	10.60	162	118305	36.388	ng		93
30) 1,2,4-Trichlorobenzene	10.80	180	125840	32.420	ng		95
31) Naphthalene	10.99	128	314671	31.538	ng		97
32) Benzoic acid	10.26	122	55734m	27.462	ng		
33) 4-Chloroaniline	11.12	127	36480	8.352	ng		96
34) Hexachlorobutadiene	11.27	225	82196	30.534	ng		99
35) Caprolactam	11.87	113	49578m	37.329	ng		
36) 4-Chloro-3-methylphenol	12.22	107	129441	36.580	ng		85
37) 2-Methylnaphthalene	12.59	142	256393	33.288	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	158476	26.611	ng		97
40) Hexachlorocyclopentadiene	12.92	237	127955	61.012	ng		91

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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	13.19	196	113062	33.209	ng		99
43) 2,4,5-Trichlorophenol	13.28	196	125484	33.687	ng		96
45) 1,1'-Biphenyl	13.58	154	347365	27.917	ng		97
46) 2-Chloronaphthalene	13.63	162	290052	32.309	ng		94
47) 2-Nitroaniline	13.83	65	91323	34.321	ng	#	87
48) Acenaphthylene	14.47	152	458432	31.200	ng		99
49) Dimethylphthalate	14.19	163	425558	32.801	ng		99
50) 2,6-Dinitrotoluene	14.32	165	94955	35.509	ng	#	83
51) Acenaphthene	14.81	154	285370	31.097	ng		99
52) 3-Nitroaniline	14.66	138	28726	10.117	ng	#	81
53) 2,4-Dinitrophenol	14.88	184	82070	57.561	ng	#	55
54) Dibenzofuran	15.14	168	479482	32.804	ng		98
55) 4-Nitrophenol	14.99	139	144016	71.202	ng	#	83
56) 2,4-Dinitrotoluene	15.12	165	140706	36.397	ng	#	79
57) Fluorene	15.79	166	391309	32.975	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	128580	36.218	ng		90
59) Diethylphthalate	15.55	149	440537	33.428	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	235616	32.876	ng		90
61) 4-Nitroaniline	15.82	138	99280	33.020	ng		95
62) Azobenzene	16.07	77	363750	36.192	ng		96
64) 4,6-Dinitro-2-methylphenol	15.88	198	74723	26.669	ng		84
65) n-Nitrosodiphenylamine	15.99	169	380508	29.789	ng		98
66) 4-Bromophenyl-phenylether	16.67	248	158861	29.756	ng		96
67) Hexachlorobenzene	16.80	284	159158	28.056	ng		99
68) Atrazine	16.94	200	168258	31.926	ng		99
69) Pentachlorophenol	17.15	266	145121	46.279	ng		99
70) Phenanthrene	17.54	178	721495	32.873	ng		99
71) Anthracene	17.62	178	739999	33.649	ng		99
72) Carbazole	17.89	167	688421	33.409	ng		99
73) Di-n-butylphthalate	18.43	149	814340	32.186	ng		99
74) Fluoranthene	19.53	202	960630	34.569	ng		97
76) Benzidine	19.71	184	203511	13.285	ng		99
77) Pyrene	19.90	202	988199	34.921	ng		99
79) Butylbenzylphthalate	20.76	149	369986	32.791	ng		91
80) Benzo(a)anthracene	21.74	228	977934	33.014	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	157811	13.198	ng		99
82) Chrysene	21.81	228	917823	33.495	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	526758	32.342	ng		97
84) Di-n-octyl phthalate	22.84	149	907160	34.221	ng		95
85) Indeno(1,2,3-cd)pyrene	28.85	276	1032172	30.985	ng		99
87) Benzo(b)fluoranthene	24.01	252	947624	33.167	ng		98
88) Benzo(k)fluoranthene	24.08	252	928933	32.802	ng		98
89) Benzo(a)pyrene	24.91	252	924295	34.054	ng		99
90) Dibenzo(a,h)anthracene	28.89	278	860971	31.035	ng		100
91) Benzo(g,h,i)perylene	30.03	276	857655	31.853	ng		98

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

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