Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
Data File : BG033627.D
Acq On : 6 Apr 2018 13:07
Operator : SJ/JU
Sample : PB107995BSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107995BSD

Manual Integrations APPROVED
Sohil
4/6/2018 5:28:13 PM

Quant Time: Apr 06 16:10:29 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	42389	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	188426	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	135682	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	332450	20.00	ng		0.00
75) Chrysene-d12	22.56	240	327466	20.00	ng		0.00
86) Perylene-d12	26.33	264	353862	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	262423	116.09	ng		0.00
7) Phenol-d6	7.98	99	403413	103.86	ng		0.00
23) Nitrobenzene-d5	10.06	82	386031	94.13	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	163791	80.71	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	881364	93.78	ng		0.00
78) Terphenyl-d14	20.73	244	1334137	87.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	43915	38.253	ng		90
3) Pyridine	4.38	79	121329	38.232	ng		98
4) n-Nitrosodimethylamine	4.29	42	62672	48.122	ng	#	84
6) Aniline	8.16	93	79883	17.488	ng		91
8) 2-Chlorophenol	8.41	128	134978	52.229	ng		95
9) Benzaldehyde	7.97	77	37040	15.006	ng	#	79
10) Phenol	8.01	94	195171	50.893	ng		94
11) bis(2-Chloroethyl)ether	8.24	93	120989	38.653	ng		98
12) 1,3-Dichlorobenzene	8.75	146	136431	40.379	ng		97
13) 1,4-Dichlorobenzene	8.90	146	141676	41.869	ng		95
14) 1,2-Dichlorobenzene	9.23	146	140107	42.424	ng		97
15) Benzyl Alcohol	9.10	79	139059	45.472	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.38	45	245525	48.116	ng		91
17) 2-Methylphenol	9.30	107	121849m	46.642	ng		
18) Hexachloroethane	9.98	117	56209	43.039	ng		91
19) n-Nitroso-di-n-propylamine	9.67	70	122596	43.074	ng		94
20) 3+4-Methylphenols	9.63	107	169065	45.452	ng		89
22) Acetophenone	9.70	105	215484	41.742	ng	#	97
24) Nitrobenzene	10.11	77	183009	41.690	ng		94
25) Isophorone	10.62	82	349681	43.931	ng		99
26) 2-Nitrophenol	10.83	139	76026	45.745	ng	#	84
27) 2,4-Dimethylphenol	10.87	122	135829	56.260	ng		94
28) bis(2-Chloroethoxy)methane	11.10	93	189960	47.830	ng		98
29) 2,4-Dichlorophenol	11.38	162	138393	46.610	ng		98
30) 1,2,4-Trichlorobenzene	11.60	180	150713	39.069	ng		97
31) Naphthalene	11.80	128	423630	43.386	ng		98
32) Benzoic acid	11.00	122	57593	25.661	ng	#	86
33) 4-Chloroaniline	11.90	127	66388	15.176	ng		98
34) Hexachlorobutadiene	12.05	225	107984	37.016	ng		96
35) Caprolactam	12.64	113	48976	42.105	ng		97
36) 4-Chloro-3-methylphenol	12.96	107	175493	45.317	ng		92
37) 2-Methylnaphthalene	13.35	142	323102	42.633	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	199350	40.561	ng		98
40) Hexachlorocyclopentadiene	13.67	237	195787	67.954	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	124068	43.449	ng		97
43) 2,4,5-Trichlorophenol	14.00	196	140949	41.760	ng		96
45) 1,1'-Biphenyl	14.32	154	446590	42.842	ng		95
46) 2-Chloronaphthalene	14.38	162	343466	42.733	ng		97
47) 2-Nitroaniline	14.57	65	136704	45.409	ng		94
48) Acenaphthylene	15.21	152	563098	41.972	ng		100
49) Dimethylphthalate	14.90	163	465491	39.422	ng		99
50) 2,6-Dinitrotoluene	15.04	165	100273	41.531	ng		98
51) Acenaphthene	15.54	154	380183	43.959	ng		92
52) 3-Nitroaniline	15.38	138	57988	22.909	ng	#	94
53) 2,4-Dinitrophenol	15.57	184	66451	55.712	ng	#	76
54) Dibenzofuran	15.87	168	555583	43.490	ng		93
55) 4-Nitrophenol	15.66	139	154876	87.013	ng	#	80
56) 2,4-Dinitrotoluene	15.81	165	148514	41.776	ng	#	95
57) Fluorene	16.51	166	460183	42.283	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.08	232	140194	44.121	ng		97
59) Diethylphthalate	16.24	149	477144	41.614	ng		99
60) 4-Chlorophenyl-phenylether	16.49	204	248169	39.667	ng		98
61) 4-Nitroaniline	16.53	138	105352	41.100	ng		87
62) Azobenzene	16.78	77	494002	44.477	ng		98
64) 4,6-Dinitro-2-methylphenol	16.57	198	69590	34.991	ng		98
65) n-Nitrosodiphenylamine	16.70	169	415760	43.806	ng		99
66) 4-Bromophenyl-phenylether	17.38	248	159338	40.811	ng		95
67) Hexachlorobenzene	17.51	284	164742	39.981	ng		97
68) Atrazine	17.62	200	173409	45.089	ng		97
69) Pentachlorophenol	17.85	266	189208	66.903	ng		97
70) Phenanthrene	18.25	178	746262	43.102	ng		98
71) Anthracene	18.34	178	772938	44.090	ng		99
72) Carbazole	18.60	167	679768	43.758	ng	#	98
73) Di-n-butylphthalate	19.09	149	820675	45.387	ng	#	97
74) Fluoranthene	20.20	202	923631	43.108	ng		99
76) Benzidine	20.37	184	277012	31.194	ng		99
77) Pyrene	20.56	202	919122	42.084	ng		98
79) Butylbenzylphthalate	21.42	149	374938	46.521	ng		97
80) Benzo(a)anthracene	22.54	228	902021	43.259	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	166453	22.433	ng		96
82) Chrysene	22.61	228	854195	42.319	ng		97
83) Bis(2-ethylhexyl)phthalate	22.35	149	521330	46.924	ng		97
84) Di-n-octyl phthalate	23.75	149	906651	53.299	ng		100
85) Indeno(1,2,3-cd)pyrene	30.70	276	977411	44.788	ng	#	90
87) Benzo(b)fluoranthene	25.12	252	874200	42.760	ng	#	98
88) Benzo(k)fluoranthene	25.19	252	909703	43.996	ng	#	98
89) Benzo(a)pyrene	26.15	252	876709	44.654	ng	#	95
90) Dibenzo(a,h)anthracene	30.78	278	779729	42.162	ng		99
91) Benzo(g,h,i)perylene	32.08	276	812801	44.383	ng		98

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

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