Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\
Data File : BG028984.D
Acq On : 30 Sep 2017 18:07
Operator : SJ/JU
Sample : PB102778BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB102778BS

Manual Integrations APPROVED
Sohil
10/2/2017 5:46:09 PM

Quant Time: Oct 01 02:31:44 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Oct 01 02:30:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	32873	20.00	ng		0.00
21) Naphthalene-d8	11.07	136	133850	20.00	ng		0.00
38) Acenaphthene-d10	14.87	164	93802	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	239393	20.00	ng		0.00
75) Chrysene-d12	21.94	240	292425	20.00	ng		0.00
86) Perylene-d12	25.37	264	294270	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.83	112	293840	147.49	ng		0.00
7) Phenol-d6	7.41	99	395259	131.77	ng		0.00
23) Nitrobenzene-d5	9.43	82	245733	87.82	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	216974	139.85	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	620046	88.14	ng		0.00
78) Terphenyl-d14	20.22	244	1127877	82.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.74	88	30651	37.992	ng		92
3) Pyridine	4.13	79	84568	36.747	ng		95
4) n-Nitrosodimethylamine	4.05	42	44543	42.548	ng	#	62
6) Aniline	7.58	93	73364	21.016	ng		97
8) 2-Chlorophenol	7.82	128	97413	43.862	ng		91
9) Benzaldehyde	7.40	77	65131	34.998	ng		95
10) Phenol	7.44	94	136950	43.262	ng		89
11) bis(2-Chloroethyl)ether	7.67	93	90314	39.738	ng		92
12) 1,3-Dichlorobenzene	8.14	146	98059	41.004	ng		90
13) 1,4-Dichlorobenzene	8.29	146	101516	41.282	ng		95
14) 1,2-Dichlorobenzene	8.61	146	100208	41.247	ng		97
15) Benzyl Alcohol	8.49	79	95848	40.933	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	8.77	45	167637	40.584	ng		97
17) 2-Methylphenol	8.69	107	87903	42.494	ng		94
18) Hexachloroethane	9.34	117	37553	41.666	ng		92
19) n-Nitroso-di-n-propylamine	9.05	70	80698	37.951	ng		88
20) 3+4-Methylphenols	9.02	107	123282	42.608	ng		94
22) Acetophenone	9.08	105	154228	39.408	ng	#	89
24) Nitrobenzene	9.47	77	121296	39.149	ng		94
25) Isophorone	9.99	82	221687	39.157	ng		99
26) 2-Nitrophenol	10.19	139	56265	42.669	ng		90
27) 2,4-Dimethylphenol	10.23	122	98776	40.980	ng		97
28) bis(2-Chloroethoxy)methane	10.46	93	129674	42.177	ng		98
29) 2,4-Dichlorophenol	10.73	162	103934	43.338	ng		96
30) 1,2,4-Trichlorobenzene	10.93	180	114049	41.686	ng		95
31) Naphthalene	11.13	128	290895	41.611	ng		97
32) Benzoic acid	10.35	122	12450m	12.437	ng		
33) 4-Chloroaniline	11.24	127	24524	8.374	ng	#	86
34) Hexachlorobutadiene	11.40	225	81156	40.274	ng		100
35) Caprolactam	12.02	113	37697m	43.833	ng		
36) 4-Chloro-3-methylphenol	12.35	107	123554	39.587	ng		96
37) 2-Methylnaphthalene	12.72	142	224185	42.953	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	149905	38.867	ng		96
40) Hexachlorocyclopentadiene	13.05	237	134873	89.065	ng		98

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Quant Time: Oct 01 02:31:44 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Oct 01 02:30:17 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	99492	40.644	ng		98
43) 2,4,5-Trichlorophenol	13.40	196	107396	43.662	ng		96
45) 1,1'-Biphenyl	13.71	154	302518	38.952	ng		97
46) 2-Chloronaphthalene	13.76	162	235567	41.585	ng		98
47) 2-Nitroaniline	13.96	65	88330	41.956	ng	#	87
48) Acenaphthylene	14.60	152	371690	41.070	ng		99
49) Dimethylphthalate	14.32	163	318347	40.472	ng		98
50) 2,6-Dinitrotoluene	14.45	165	74027	42.296	ng	#	84
51) Acenaphthene	14.94	154	224043	40.753	ng		96
52) 3-Nitroaniline	14.79	138	28520	18.427	ng		92
53) 2,4-Dinitrophenol	15.00	184	24371	31.784	ng		94
54) Dibenzofuran	15.27	168	384889	43.901	ng		93
55) 4-Nitrophenol	15.10	139	101960	89.914	ng	#	84
56) 2,4-Dinitrotoluene	15.25	165	103375	42.006	ng	#	89
57) Fluorene	15.93	166	323675	41.354	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.50	232	104623	48.261	ng	#	95
59) Diethylphthalate	15.67	149	333203	41.221	ng		98
60) 4-Chlorophenyl-phenylether	15.90	204	186393	41.821	ng		91
61) 4-Nitroaniline	15.96	138	70635	43.077	ng		86
62) Azobenzene	16.20	77	304289	44.759	ng		91
64) 4,6-Dinitro-2-methylphenol	16.01	198	41892	27.120	ng		99
65) n-Nitrosodiphenylamine	16.13	169	282340	41.142	ng		99
66) 4-Bromophenyl-phenylether	16.80	248	128360	41.671	ng		94
67) Hexachlorobenzene	16.94	284	136657	38.980	ng	#	83
68) Atrazine	17.07	200	127917	43.412	ng		94
69) Pentachlorophenol	17.28	266	99624	62.893	ng		91
70) Phenanthrene	17.77	178	530610	43.343	ng		93
71) Anthracene	17.77	178	530610	42.907	ng		96
72) Carbazole	18.04	167	477624	42.883	ng	#	93
73) Di-n-butylphthalate	18.56	149	581314	42.566	ng	#	94
74) Fluoranthene	19.67	202	679971	45.490	ng		91
76) Benzidine	19.85	184	252814	33.338	ng		97
77) Pyrene	20.03	202	696231	41.277	ng		95
79) Butylbenzylphthalate	20.90	149	276879	40.645	ng		95
80) Benzo(a)anthracene	21.92	228	743197	42.222	ng		94
81) 3,3'-Dichlorobenzidine	21.83	252	160850	22.539	ng		99
82) Chrysene	21.99	228	707551	42.365	ng		96
83) Bis(2-ethylhexyl)phthalate	21.78	149	394284	40.713	ng		99
84) Di-n-octyl phthalate	23.05	149	679000	40.129	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.32	276	907902	42.309	ng	#	99
87) Benzo(b)fluoranthene	24.28	252	758901	43.045	ng	#	97
88) Benzo(k)fluoranthene	24.35	252	758076	43.047	ng	#	95
89) Benzo(a)pyrene	25.21	252	736191	43.992	ng		96
90) Dibenzo(a,h)anthracene	29.38	278	760687	43.600	ng		98
91) Benzo(g,h,i)perylene	30.56	276	753928	44.288	ng		99

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

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