Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
Data File : BG028767.D
Acq On : 15 Sep 2017 14:43
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/18/2017 3:31:36 PM

Quant Time: Sep 16 05:18:33 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	26474	20.00	ng		-0.04
21) Naphthalene-d8	11.11	136	118403	20.00	ng		-0.04
38) Acenaphthene-d10	14.90	164	93349	20.00	ng		-0.04
63) Phenanthrene-d10	17.65	188	252869	20.00	ng		-0.04
75) Chrysene-d12	21.98	240	284723	20.00	ng		-0.05
86) Perylene-d12	25.44	264	293313	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	136323	84.97	ng		-0.05
7) Phenol-d6	7.44	99	212153	87.82	ng		-0.05
23) Nitrobenzene-d5	9.46	82	210893	85.21	ng		-0.05
41) 2,4,6-Tribromophenol	16.40	330	139889	90.61	ng		-0.04
44) 2-Fluorobiphenyl	13.52	172	570460	81.49	ng		-0.04
78) Terphenyl-d14	20.24	244	1132824	84.85	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	25201	38.787	ng	#	94
3) Pyridine	4.18	79	79935	43.129	ng	#	90
4) n-Nitrosodimethylamine	4.09	42	34660	41.110	ng	#	69
6) Aniline	7.61	93	126424	44.968	ng		96
8) 2-Chlorophenol	7.85	128	78202	43.723	ng		98
9) Benzaldehyde	7.43	77	63185	42.159	ng		92
10) Phenol	7.47	94	111895	43.891	ng		94
11) bis(2-Chloroethyl)ether	7.69	93	77506	42.345	ng		96
12) 1,3-Dichlorobenzene	8.18	146	83247m	43.224	ng		
13) 1,4-Dichlorobenzene	8.32	146	83758	42.293	ng		95
14) 1,2-Dichlorobenzene	8.65	146	81733	41.774	ng		95
15) Benzyl Alcohol	8.52	79	80440	42.657	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.80	45	132852	39.937	ng		97
17) 2-Methylphenol	8.72	107	72869	43.741	ng		89
18) Hexachloroethane	9.37	117	30852	42.505	ng		94
19) n-Nitroso-di-n-propylamine	9.08	70	75099	43.855	ng	#	86
20) 3+4-Methylphenols	9.05	107	105147	45.124	ng		89
22) Acetophenone	9.11	105	144185	41.648	ng	#	88
24) Nitrobenzene	9.50	77	114769	41.875	ng		98
25) Isophorone	10.02	82	216272	43.184	ng		98
26) 2-Nitrophenol	10.22	139	48968	41.980	ng		89
27) 2,4-Dimethylphenol	10.26	122	87547	41.060	ng		93
28) bis(2-Chloroethoxy)methane	10.49	93	114939	42.262	ng		99
29) 2,4-Dichlorophenol	10.76	162	93777	44.204	ng		97
30) 1,2,4-Trichlorobenzene	10.97	180	100738	41.625	ng		99
31) Naphthalene	11.16	128	266441	43.086	ng		99
32) Benzoic acid	10.42	122	63293	42.585	ng	#	84
33) 4-Chloroaniline	11.27	127	114528	44.210	ng		92
34) Hexachlorobutadiene	11.43	225	72939	40.918	ng		98
35) Caprolactam	12.05	113	35643	46.852	ng		98
36) 4-Chloro-3-methylphenol	12.37	107	122951	44.533	ng		95
37) 2-Methylnaphthalene	12.75	142	199748	43.264	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	154669	40.297	ng	#	97
40) Hexachlorocyclopentadiene	13.08	237	41237	32.631	ng		97

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
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	13.35	196	100652	41.317	ng		94
43) 2,4,5-Trichlorophenol	13.43	196	104002	42.487	ng	#	94
45) 1,1'-Biphenyl	13.73	154	317979	41.141	ng		99
46) 2-Chloronaphthalene	13.79	162	228593	40.550	ng		97
47) 2-Nitroaniline	13.99	65	89710	42.819	ng	#	87
48) Acenaphthylene	14.63	152	377474	41.912	ng		95
49) Dimethylphthalate	14.35	163	336231	42.953	ng		99
50) 2,6-Dinitrotoluene	14.48	165	75065	43.097	ng	#	80
51) Acenaphthene	14.97	154	230000	42.039	ng		97
52) 3-Nitroaniline	14.82	138	70520	45.783	ng		90
53) 2,4-Dinitrophenol	15.03	184	28491	35.940	ng		95
54) Dibenzofuran	15.30	168	372111	42.650	ng		93
55) 4-Nitrophenol	15.13	139	45618	40.424	ng	#	73
56) 2,4-Dinitrotoluene	15.27	165	108556	44.325	ng	#	89
57) Fluorene	15.95	166	338129	43.410	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.53	232	95967	44.483	ng		92
59) Diethylphthalate	15.70	149	351148	43.652	ng		98
60) 4-Chlorophenyl-phenylether	15.93	204	190951	43.052	ng		91
61) 4-Nitroaniline	15.98	138	72547	44.458	ng	#	85
62) Azobenzene	16.23	77	292585	43.247	ng		92
64) 4,6-Dinitro-2-methylphenol	16.04	198	65484	40.133	ng		99
65) n-Nitrosodiphenylamine	16.15	169	294015	40.560	ng		97
66) 4-Bromophenyl-phenylether	16.83	248	132866	40.835	ng		93
67) Hexachlorobenzene	16.96	284	147725	39.891	ng	#	89
68) Atrazine	17.09	200	127526	40.973	ng		96
69) Pentachlorophenol	17.31	266	70901	42.375	ng		91
70) Phenanthrene	17.70	178	540008	41.760	ng		95
71) Anthracene	17.79	178	547285	41.897	ng		97
72) Carbazole	18.06	167	494078	41.997	ng	#	95
73) Di-n-butylphthalate	18.59	149	603981	41.869	ng	#	94
74) Fluoranthene	19.70	202	667381	42.268	ng		93
76) Benzidine	19.87	184	280843	38.036	ng		95
77) Pyrene	20.06	202	684410	41.674	ng		96
79) Butylbenzylphthalate	20.93	149	271562	40.943	ng		89
80) Benzo(a)anthracene	21.95	228	721914	42.123	ng		95
81) 3,3'-Dichlorobenzidine	21.86	252	285600	41.102	ng		97
82) Chrysene	22.03	228	690698	42.475	ng		96
83) Bis(2-ethylhexyl)phthalate	21.81	149	388486	41.199	ng		98
84) Di-n-octyl phthalate	23.10	149	675993	41.032	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.42	276	867479	41.519	ng		99
87) Benzo(b)fluoranthene	24.33	252	733468m	41.738	ng		
88) Benzo(k)fluoranthene	24.40	252	730178	41.598	ng		95
89) Benzo(a)pyrene	25.27	252	703953	42.203	ng		96
90) Dibenzo(a,h)anthracene	29.47	278	712964	40.998	ng		99
91) Benzo(g,h,i)perylene	30.68	276	702337m	41.392	ng		

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

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