Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015952.D
Acq On : 27 Jan 2015 19:06
Operator : TP/IZ
Sample : SSTDCCC040
Misc : W
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
1/28/2015 5:44:35 PM

Quant Time: Jan 28 02:20:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 28 01:36:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	80631	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	333949	20.00	ng		0.00
38) Acenaphthene-d10	14.33	164	302642	20.00	ng		0.00
63) Phenanthrene-d10	17.08	188	778368	20.00	ng		0.00
75) Chrysene-d12	21.27	240	1107662	20.00	ng		0.00
86) Perylene-d12	23.52	264	1079789	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	377067	69.64	ng		0.00
7) Phenol-d6	6.87	99	625403	71.68	ng		0.00
23) Nitrobenzene-d5	8.84	82	819754	70.76	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	467803	84.44	ng		0.00
44) 2-Fluorobiphenyl	12.95	172	1518998	78.75	ng		0.00
78) Terphenyl-d14	19.71	244	3147137	78.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	90928	32.61	ng		93
3) Pyridine	3.59	79	308105	32.77	ng		95
4) n-Nitrosodimethylamine	3.51	42	112902	31.09	ng	#	99
6) Aniline	7.02	93	452813	36.04	ng		93
8) 2-Chlorophenol	7.25	128	192962	37.14	ng		96
9) Benzaldehyde	6.83	77	261383	32.87	ng		93
10) Phenol	6.89	94	370438	37.25	ng		95
11) bis(2-Chloroethyl)ether	7.12	93	260358	33.88	ng		97
12) 1,3-Dichlorobenzene	7.57	146	230781	37.54	ng		88
13) 1,4-Dichlorobenzene	7.72	146	236016	37.18	ng		92
14) 1,2-Dichlorobenzene	8.03	146	227826	36.62	ng		89
15) Benzyl Alcohol	7.93	79	338124	35.42	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.22	45	187661	30.21	ng		92
17) 2-Methylphenol	8.13	107	221294	35.92	ng		94
18) Hexachloroethane	8.76	117	113409	34.75	ng		92
19) n-Nitroso-di-n-propylamine	8.49	70	294195	33.80	ng	#	94
20) 3+4-Methylphenols	8.46	107	314896	38.99	ng		90
22) Acetophenone	8.50	105	423483	37.84	ng	#	97
24) Nitrobenzene	8.89	77	431208	35.39	ng		97
25) Isophorone	9.40	82	743121	36.28	ng		98
26) 2-Nitrophenol	9.59	139	127204	42.15	ng	#	78
27) 2,4-Dimethylphenol	9.66	122	211850	36.69	ng		93
28) bis(2-Chloroethoxy)methane	9.89	93	364389	36.75	ng		92
29) 2,4-Dichlorophenol	10.13	162	255176	42.32	ng		98
30) 1,2,4-Trichlorobenzene	10.34	180	299797	41.00	ng		89
31) Naphthalene	10.52	128	659134	38.56	ng		98
32) Benzoic acid	9.81	122	60563m	38.53	ng		
33) 4-Chloroaniline	10.64	127	307528	38.60	ng	#	90
34) Hexachlorobutadiene	10.80	225	280638	39.24	ng		95
35) Caprolactam	11.41	113	105430	35.58	ng		98
36) 4-Chloro-3-methylphenol	11.78	107	349477	39.40	ng		99
37) 2-Methylnaphthalene	12.14	142	521015	38.38	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	475657	41.21	ng	#	96
40) Hexachlorocyclopentadiene	12.49	237	310266	35.68	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	286193	42.33	ng		97
43) 2,4,5-Trichlorophenol	12.83	196	305147	39.93	ng		94
45) 1,1'-Biphenyl	13.16	154	761142	39.85	ng		97
46) 2-Chloronaphthalene	13.20	162	635488	39.40	ng		92
47) 2-Nitroaniline	13.42	65	291847	35.46	ng		98
48) Acenaphthylene	14.05	152	965205	39.41	ng		98
49) Dimethylphthalate	13.80	163	824951	37.88	ng		98
50) 2,6-Dinitrotoluene	13.92	165	189121	38.47	ng		97
51) Acenaphthene	14.40	154	584692	38.00	ng		94
52) 3-Nitroaniline	14.25	138	173454	37.50	ng		88
53) 2,4-Dinitrophenol	14.46	184	83303	31.94	ng		93
54) Dibenzofuran	14.73	168	1007899	39.69	ng		95
55) 4-Nitrophenol	14.57	139	105986	33.30	ng		90
56) 2,4-Dinitrotoluene	14.71	165	274555	38.17	ng	#	77
57) Fluorene	15.38	166	888266	38.78	ng		92
58) 2,3,4,6-Tetrachlorophenol	14.97	232	338843	40.04	ng	#	96
59) Diethylphthalate	15.16	149	862803	38.80	ng		99
60) 4-Chlorophenyl-phenylether	15.38	204	606866	39.84	ng		97
61) 4-Nitroaniline	15.41	138	177832	36.25	ng	#	83
62) Azobenzene	15.67	77	1229507	34.15	ng		95
64) 4,6-Dinitro-2-methylphenol	15.47	198	190006	33.83	ng		97
65) n-Nitrosodiphenylamine	15.60	169	840153	37.83	ng		91
66) 4-Bromophenyl-phenylether	16.27	248	462702	40.71	ng		98
67) Hexachlorobenzene	16.39	284	505184	41.11	ng	#	91
68) Atrazine	16.55	200	408112	38.18	ng		96
69) Pentachlorophenol	16.74	266	222112	40.78	ng		94
70) Phenanthrene	17.12	178	1470959	37.67	ng		100
71) Anthracene	17.21	178	1486167	38.78	ng		98
72) Carbazole	17.49	167	1239841	36.70	ng		98
73) Di-n-butylphthalate	18.05	149	1472946	37.88	ng		98
74) Fluoranthene	19.14	202	1961046	37.60	ng		98
76) Benzidine	19.33	184	931651	34.70	ng		96
77) Pyrene	19.51	202	2023301	38.44	ng		99
79) Butylbenzylphthalate	20.41	149	699619	36.25	ng		97
80) Benzo(a)anthracene	21.25	228	2291777	39.57	ng		96
81) 3,3'-Dichlorobenzidine	21.19	252	1003795	40.56	ng		98
82) Chrysene	21.31	228	2123380	38.36	ng		99
83) Bis(2-ethylhexyl)phthalate	21.18	149	1007506	38.83	ng		97
84) Di-n-octyl phthalate	22.06	149	1584341	39.46	ng		96
85) Indeno(1,2,3-cd)pyrene	25.82	276	2691518	41.44	ng		99
87) Benzo(b)fluoranthene	22.85	252	2470451	40.08	ng		98
88) Benzo(k)fluoranthene	22.89	252	2213921	37.11	ng		96
89) Benzo(a)pyrene	23.43	252	2323679	39.18	ng		97
90) Dibenzo(a,h)anthracene	25.84	278	2290651	40.69	ng		98
91) Benzo(g,h,i)perylene	26.52	276	2223610	40.48	ng		97

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

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