Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023896.D
Acq On : 25 Aug 2016 15:42
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 26 01:16:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 24 17:42:04 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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8/26/2016 5:55:37 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	208465	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	897184	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	568120	20.00	ng		0.00
63) Phenanthrene-d10	17.53	188	1261568	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1312275	20.00	ng		0.00
86) Perylene-d12	25.23	264	1343130	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	926427	74.81	ng		0.00
7) Phenol-d6	7.26	99	1387553	71.93	ng		0.00
23) Nitrobenzene-d5	9.28	82	1488403	82.48	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	549984	66.19	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	2586581	76.79	ng		0.00
78) Terphenyl-d14	20.14	244	3125082	71.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	196004	37.15	ng	#	92
3) Pyridine	3.91	79	615908	35.52	ng		95
4) n-Nitrosodimethylamine	3.82	42	298759	46.47	ng	#	97
6) Aniline	7.41	93	946333	33.96	ng		98
8) 2-Chlorophenol	7.65	128	556018	39.08	ng		97
9) Benzaldehyde	7.23	77	478948	45.12	ng		92
10) Phenol	7.28	94	752881	36.48	ng		89
11) bis(2-Chloroethyl)ether	7.51	93	622457	37.82	ng		90
12) 1,3-Dichlorobenzene	7.98	146	641558	39.38	ng		96
13) 1,4-Dichlorobenzene	8.13	146	648897	38.91	ng		96
14) 1,2-Dichlorobenzene	8.45	146	613209	37.49	ng		93
15) Benzyl Alcohol	8.34	79	623784	42.68	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	939433	38.81	ng		89
17) 2-Methylphenol	8.54	107	522165	37.74	ng		89
18) Hexachloroethane	9.18	117	261132	41.60	ng		96
19) n-Nitroso-di-n-propylamine	8.91	70	594546	35.83	ng		97
20) 3+4-Methylphenols	8.88	107	718072	36.82	ng		92
22) Acetophenone	8.93	105	962411	39.18	ng	#	95
24) Nitrobenzene	9.32	77	878533	43.96	ng	#	91
25) Isophorone	9.84	82	1494480	39.76	ng		95
26) 2-Nitrophenol	10.03	139	358291	42.48	ng	#	87
27) 2,4-Dimethylphenol	10.09	122	569503	39.66	ng		90
28) bis(2-Chloroethoxy)methane	10.32	93	810375	35.86	ng		98
29) 2,4-Dichlorophenol	10.58	162	597370	41.37	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	641556	41.20	ng		94
31) Naphthalene	10.98	128	1746869	38.24	ng		97
32) Benzoic acid	10.30	122	448792	35.83	ng		99
33) 4-Chloroaniline	11.09	127	763658	34.97	ng		97
34) Hexachlorobutadiene	11.26	225	445369	43.48	ng		96
35) Caprolactam	11.90	113	202288	33.30	ng		94
36) 4-Chloro-3-methylphenol	12.23	107	705618	37.19	ng		95
37) 2-Methylnaphthalene	12.59	142	1275312	36.72	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	858803	41.69	ng		99
40) Hexachlorocyclopentadiene	12.92	237	428041	41.20	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	482034	39.28	ng		97
43) 2,4,5-Trichlorophenol	13.28	196	497462	39.37	ng		93
45) 1,1'-Biphenyl	13.59	154	1674342	38.55	ng		93
46) 2-Chloronaphthalene	13.64	162	1345289	40.04	ng		94
47) 2-Nitroaniline	13.85	65	543757	38.98	ng	#	86
48) Acenaphthylene	14.49	152	2016887	37.98	ng		96
49) Dimethylphthalate	14.22	163	1708346	39.19	ng		97
50) 2,6-Dinitrotoluene	14.35	165	398005	38.56	ng		91
51) Acenaphthene	14.83	154	1305463	38.80	ng		99
52) 3-Nitroaniline	14.69	138	411175	35.32	ng		83
53) 2,4-Dinitrophenol	14.90	184	301525	45.57	ng		92
54) Dibenzofuran	15.17	168	1805409	36.96	ng		99
55) 4-Nitrophenol	15.00	139	289658	31.68	ng	#	85
56) 2,4-Dinitrotoluene	15.14	165	551962	38.10	ng		98
57) Fluorene	15.82	166	1584649	37.18	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	405695	34.99	ng		92
59) Diethylphthalate	15.58	149	1696810	38.35	ng		96
60) 4-Chlorophenyl-phenylether	15.80	204	868514	38.50	ng		97
61) 4-Nitroaniline	15.86	138	436752	35.24	ng	#	70
62) Azobenzene	16.10	77	1717323	38.29	ng		93
64) 4,6-Dinitro-2-methylphenol	15.91	198	342942	39.98	ng		94
65) n-Nitrosodiphenylamine	16.03	169	1417077	38.30	ng		95
66) 4-Bromophenyl-phenylether	16.71	248	579967	39.44	ng		97
67) Hexachlorobenzene	16.83	284	615904	38.29	ng		96
68) Atrazine	16.98	200	573551	40.37	ng		98
69) Pentachlorophenol	17.18	266	314079	33.49	ng		96
70) Phenanthrene	17.58	178	2356501m	36.81	ng		
71) Anthracene	17.66	178	2429204	37.73	ng		93
72) Carbazole	17.94	167	2220627	39.28	ng		95
73) Di-n-butylphthalate	18.48	149	2604107	45.51	ng		97
74) Fluoranthene	19.59	202	2732494	45.49	ng		92
76) Benzidine	19.77	184	1544366	42.34	ng		98
77) Pyrene	19.95	202	2729124	34.71	ng		94
79) Butylbenzylphthalate	20.83	149	1338991	42.37	ng		97
80) Benzo(a)anthracene	21.83	228	2747676	37.93	ng		96
81) 3,3'-Dichlorobenzidine	21.74	252	1116446	37.58	ng	#	96
82) Chrysene	21.90	228	2578627	37.41	ng		92
83) Bis(2-ethylhexyl)phthalate	21.70	149	1840293	42.53	ng		98
84) Di-n-octyl phthalate	22.96	149	2978190	40.33	ng		98
85) Indeno(1,2,3-cd)pyrene	29.13	276	3439295	39.94	ng	#	100
87) Benzo(b)fluoranthene	24.15	252	2849113	37.70	ng	#	95
88) Benzo(k)fluoranthene	24.23	252	2830608	39.00	ng	#	94
89) Benzo(a)pyrene	25.07	252	2821175	39.25	ng	#	96
90) Dibenzo(a,h)anthracene	29.18	278	2866699	39.04	ng	#	93
91) Benzo(g,h,i)perylene	30.35	276	2810644	38.02	ng	#	89

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

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