Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023911.D
Acq On : 26 Aug 2016 2:08
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 26 06:52:54 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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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	202657	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	910539	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	597204	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	1349091	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1410255	20.00	ng		0.00
86) Perylene-d12	25.23	264	1415916	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	907645	75.39	ng		0.00
7) Phenol-d6	7.27	99	1394363	74.36	ng		0.01
23) Nitrobenzene-d5	9.28	82	1498813	81.83	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	597757	68.43	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	2649649	74.83	ng		0.00
78) Terphenyl-d14	20.14	244	3249784	68.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	184657	36.00	ng		91
3) Pyridine	3.91	79	596827	35.41	ng		94
4) n-Nitrosodimethylamine	3.82	42	288355	46.14	ng	#	91
6) Aniline	7.42	93	930586	34.35	ng		96
8) 2-Chlorophenol	7.66	128	553980	40.05	ng		98
9) Benzaldehyde	7.23	77	467726	45.42	ng		95
10) Phenol	7.29	94	767046	38.24	ng		88
11) bis(2-Chloroethyl)ether	7.51	93	610426	38.15	ng		90
12) 1,3-Dichlorobenzene	7.98	146	634256	40.05	ng		95
13) 1,4-Dichlorobenzene	8.13	146	630509	38.89	ng		96
14) 1,2-Dichlorobenzene	8.45	146	605075	38.05	ng		95
15) Benzyl Alcohol	8.34	79	633867	44.61	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	926353	39.36	ng		89
17) 2-Methylphenol	8.55	107	522535	38.85	ng		92
18) Hexachloroethane	9.19	117	256742	42.08	ng		98
19) n-Nitroso-di-n-propylamine	8.91	70	593038	36.77	ng		98
20) 3+4-Methylphenols	8.89	107	727237	38.36	ng		95
22) Acetophenone	8.94	105	965825	38.74	ng	#	93
24) Nitrobenzene	9.32	77	884385	43.61	ng		93
25) Isophorone	9.85	82	1540568	40.38	ng		95
26) 2-Nitrophenol	10.04	139	375765	43.90	ng	#	84
27) 2,4-Dimethylphenol	10.10	122	589502	40.45	ng		84
28) bis(2-Chloroethoxy)methane	10.33	93	814751	35.53	ng		98
29) 2,4-Dichlorophenol	10.59	162	609791	41.61	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	644721	40.79	ng		97
31) Naphthalene	10.99	128	1762948	38.02	ng		98
32) Benzoic acid	10.32	122	480895	37.47	ng		94
33) 4-Chloroaniline	11.10	127	787403	35.52	ng		97
34) Hexachlorobutadiene	11.26	225	444700	42.78	ng		98
35) Caprolactam	11.92	113	217667m	35.30	ng		
36) 4-Chloro-3-methylphenol	12.23	107	745492	38.72	ng		93
37) 2-Methylnaphthalene	12.59	142	1308965	37.13	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	872230	40.28	ng		98
40) Hexachlorocyclopentadiene	12.92	237	403113	36.91	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	512783	39.75	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	531355	40.01	ng		92
45) 1,1'-Biphenyl	13.59	154	1740181	38.12	ng		93
46) 2-Chloronaphthalene	13.65	162	1371228	38.83	ng		94
47) 2-Nitroaniline	13.86	65	598477	40.81	ng		92
48) Acenaphthylene	14.49	152	2123198	38.03	ng		95
49) Dimethylphthalate	14.22	163	1799807	39.28	ng	#	96
50) 2,6-Dinitrotoluene	14.35	165	426888	39.34	ng		89
51) Acenaphthene	14.83	154	1361259	38.49	ng		99
52) 3-Nitroaniline	14.69	138	440397	35.99	ng		85
53) 2,4-Dinitrophenol	14.90	184	345755	49.71	ng		93
54) Dibenzofuran	15.17	168	1903686	37.07	ng		98
55) 4-Nitrophenol	15.02	139	305644	31.80	ng	#	86
56) 2,4-Dinitrotoluene	15.15	165	622850	40.90	ng		99
57) Fluorene	15.83	166	1701475	37.97	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	442071	36.27	ng		91
59) Diethylphthalate	15.58	149	1825805	39.25	ng		95
60) 4-Chlorophenyl-phenylether	15.81	204	924170	38.97	ng		99
61) 4-Nitroaniline	15.87	138	483769	37.14	ng	#	72
62) Azobenzene	16.10	77	1821674	38.64	ng		94
64) 4,6-Dinitro-2-methylphenol	15.92	198	383504	41.81	ng		89
65) n-Nitrosodiphenylamine	16.03	169	1540472	38.93	ng		93
66) 4-Bromophenyl-phenylether	16.71	248	637830	40.56	ng		97
67) Hexachlorobenzene	16.84	284	667381	38.80	ng		96
68) Atrazine	16.98	200	614957	40.47	ng		95
69) Pentachlorophenol	17.19	266	323723	32.28	ng		96
70) Phenanthrene	17.58	178	2546765m	37.20	ng		
71) Anthracene	17.67	178	2591070	37.63	ng		93
72) Carbazole	17.95	167	2402575	39.74	ng		95
73) Di-n-butylphthalate	18.48	149	2797066	45.75	ng	#	95
74) Fluoranthene	19.59	202	2877538	44.63	ng		90
76) Benzidine	19.77	184	1258368	32.10	ng		99
77) Pyrene	19.96	202	2901797	34.22	ng	#	91
79) Butylbenzylphthalate	20.82	149	1461628	43.04	ng		98
80) Benzo(a)anthracene	21.83	228	2934073	37.69	ng		97
81) 3,3'-Dichlorobenzidine	21.74	252	1197113	37.49	ng	#	95
82) Chrysene	21.90	228	2743010	37.03	ng		90
83) Bis(2-ethylhexyl)phthalate	21.70	149	1962848	42.21	ng		97
84) Di-n-octyl phthalate	22.96	149	3177732	40.04	ng		97
85) Indeno(1,2,3-cd)pyrene	29.13	276	3607395	38.98	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	3057656	38.38	ng	#	94
88) Benzo(k)fluoranthene	24.23	252	2962955	38.72	ng	#	93
89) Benzo(a)pyrene	25.08	252	3001663	39.62	ng	#	94
90) Dibenzo(a,h)anthracene	29.20	278	3039296	39.27	ng	#	92
91) Benzo(g,h,i)perylene	30.36	276	2775845	35.62	ng	#	90

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

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