Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081616\
Data File : BG023730.D
Acq On : 16 Aug 2016 15:49
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
umangi
8/17/2016 3:10:39 AM

Quant Time: Aug 17 01:10:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	94703	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	436139	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	292546	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	713574	20.00	ng		0.00
75) Chrysene-d12	21.87	240	744414	20.00	ng		0.00
86) Perylene-d12	25.27	264	735504	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	457291	81.28	ng		-0.02
7) Phenol-d6	7.26	99	713711	81.45	ng		-0.01
23) Nitrobenzene-d5	9.29	82	712840	81.26	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	343897	80.37	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	1442906	83.19	ng		0.00
78) Terphenyl-d14	20.16	244	2042477	86.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	82176	34.28	ng		95
3) Pyridine	3.91	79	282336	35.84	ng		97
4) n-Nitrosodimethylamine	3.82	42	120552	41.28	ng	#	82
6) Aniline	7.42	93	444319	35.09	ng		95
8) 2-Chlorophenol	7.67	128	252090	39.00	ng		98
9) Benzaldehyde	7.23	77	198759	39.78	ng		93
10) Phenol	7.29	94	356586	38.04	ng		82
11) bis(2-Chloroethyl)ether	7.51	93	281000	37.58	ng		93
12) 1,3-Dichlorobenzene	7.99	146	286570	38.72	ng		94
13) 1,4-Dichlorobenzene	8.14	146	287824	37.99	ng		93
14) 1,2-Dichlorobenzene	8.46	146	276973	37.27	ng		96
15) Benzyl Alcohol	8.35	79	287519	43.30	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	404758	36.80	ng		90
17) 2-Methylphenol	8.55	107	244807	38.95	ng	#	86
18) Hexachloroethane	9.19	117	113907	39.95	ng		96
19) n-Nitroso-di-n-propylamine	8.91	70	287246	38.11	ng		98
20) 3+4-Methylphenols	8.88	107	342685	38.68	ng		88
22) Acetophenone	8.94	105	470218	39.38	ng	#	90
24) Nitrobenzene	9.33	77	411792	42.39	ng		93
25) Isophorone	9.85	82	763592	41.79	ng		97
26) 2-Nitrophenol	10.05	139	173968	42.43	ng	#	84
27) 2,4-Dimethylphenol	10.10	122	265979	38.10	ng		87
28) bis(2-Chloroethoxy)methane	10.33	93	390899	35.59	ng		98
29) 2,4-Dichlorophenol	10.59	162	280985	40.03	ng		97
30) 1,2,4-Trichlorobenzene	10.80	180	300006	39.63	ng		98
31) Naphthalene	11.00	128	851319	38.33	ng		99
32) Benzoic acid	10.25	122	165677	28.76	ng		94
33) 4-Chloroaniline	11.11	127	381309	35.92	ng		92
34) Hexachlorobutadiene	11.27	225	208561	41.89	ng		96
35) Caprolactam	11.90	113	116540	39.46	ng		96
36) 4-Chloro-3-methylphenol	12.24	107	357992	38.82	ng		92
37) 2-Methylnaphthalene	12.61	142	633204m	37.50	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	433521	40.86	ng		99
40) Hexachlorocyclopentadiene	12.94	237	299643	56.01	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	252402	39.94	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	264390	40.64	ng		91
45) 1,1'-Biphenyl	13.61	154	896932	40.11	ng		98
46) 2-Chloronaphthalene	13.66	162	684567	39.57	ng		97
47) 2-Nitroaniline	13.87	65	284095	39.55	ng	#	87
48) Acenaphthylene	14.51	152	1099924	40.22	ng		100
49) Dimethylphthalate	14.23	163	964038	42.95	ng		97
50) 2,6-Dinitrotoluene	14.36	165	212398	39.96	ng		87
51) Acenaphthene	14.85	154	682583	39.40	ng		99
52) 3-Nitroaniline	14.70	138	215999	36.04	ng		85
53) 2,4-Dinitrophenol	14.92	184	172546	50.64	ng		90
54) Dibenzofuran	15.19	168	998636	39.70	ng		95
55) 4-Nitrophenol	15.02	139	278127	59.08	ng	#	84
56) 2,4-Dinitrotoluene	15.16	165	312327	41.87	ng		92
57) Fluorene	15.84	166	879390	40.06	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	232016	38.86	ng		96
59) Diethylphthalate	15.59	149	981219	43.07	ng		99
60) 4-Chlorophenyl-phenylether	15.82	204	463696	39.92	ng		100
61) 4-Nitroaniline	15.87	138	237919	37.28	ng	#	67
62) Azobenzene	16.12	77	934121	40.45	ng		91
64) 4,6-Dinitro-2-methylphenol	15.93	198	183678	37.86	ng		89
65) n-Nitrosodiphenylamine	16.04	169	788943	37.69	ng		96
66) 4-Bromophenyl-phenylether	16.73	248	321775	38.69	ng		96
67) Hexachlorobenzene	16.85	284	343650	37.77	ng		95
68) Atrazine	17.00	200	326214	40.59	ng		95
69) Pentachlorophenol	17.20	266	238501	44.96	ng		97
70) Phenanthrene	17.59	178	1406654	38.85	ng		98
71) Anthracene	17.68	178	1428614	39.23	ng		99
72) Carbazole	17.96	167	1310643	40.98	ng		99
73) Di-n-butylphthalate	18.49	149	1613198	50.72	ng		98
74) Fluoranthene	19.60	202	1645648	49.12	ng		96
76) Benzidine	19.79	184	783665	37.87	ng		97
77) Pyrene	19.97	202	1647296	37.63	ng		98
79) Butylbenzylphthalate	20.84	149	746796	41.66	ng		99
80) Benzo(a)anthracene	21.85	228	1591135	38.72	ng		97
81) 3,3'-Dichlorobenzidine	21.76	252	672503	39.90	ng	#	96
82) Chrysene	21.92	228	1517740	38.82	ng		98
83) Bis(2-ethylhexyl)phthalate	21.72	149	1053545	42.92	ng	#	98
84) Di-n-octyl phthalate	22.99	149	1765637	42.14	ng		99
85) Indeno(1,2,3-cd)pyrene	29.18	276	1862274	38.12	ng	#	100
87) Benzo(b)fluoranthene	24.19	252	1599112	38.64	ng	#	97
88) Benzo(k)fluoranthene	24.26	252	1575006	39.63	ng	#	97
89) Benzo(a)pyrene	25.11	252	1553615	39.48	ng	#	95
90) Dibenzo(a,h)anthracene	29.24	278	1581153	39.33	ng	#	91
91) Benzo(g,h,i)perylene	30.41	276	1523622	37.63	ng	#	93

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

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