Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
Data File : BG026040.D
Acq On : 2 Mar 2017 21:56
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 03 00:41:48 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 15:36:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	137192	20.00	ng		-0.01
21) Naphthalene-d8	10.88	136	602213	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	384171	20.00	ng		-0.01
63) Phenanthrene-d10	17.40	188	784900	20.00	ng		-0.01
75) Chrysene-d12	21.66	240	735411	20.00	ng		-0.02
86) Perylene-d12	24.85	264	717666	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	637302	80.88	ng		-0.01
7) Phenol-d6	7.23	99	862246	73.94	ng		0.00
23) Nitrobenzene-d5	9.23	82	796602	83.48	ng		-0.01
41) 2,4,6-Tribromophenol	16.15	330	301111	84.84	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	1831369	83.30	ng		-0.01
78) Terphenyl-d14	20.00	244	2467705	81.61	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	148790	41.31	ng	#	74
3) Pyridine	3.93	79	397983	37.08	ng	#	70
4) n-Nitrosodimethylamine	3.84	42	128912	33.40	ng	#	22
6) Aniline	7.39	93	594568	36.67	ng	#	92
8) 2-Chlorophenol	7.64	128	366325	39.11	ng		84
9) Benzaldehyde	7.21	77	242097	35.04	ng	#	77
10) Phenol	7.26	94	466967	36.85	ng	#	73
11) bis(2-Chloroethyl)ether	7.49	93	383673	36.84	ng		87
12) 1,3-Dichlorobenzene	7.96	146	424231	39.19	ng	#	90
13) 1,4-Dichlorobenzene	8.11	146	429521	39.17	ng		94
14) 1,2-Dichlorobenzene	8.43	146	416798	38.71	ng		92
15) Benzyl Alcohol	8.30	79	312343	36.58	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.59	45	444713	29.42	ng		86
17) 2-Methylphenol	8.50	107	335706	36.78	ng	#	83
18) Hexachloroethane	9.16	117	148242	40.79	ng		89
19) n-Nitroso-di-n-propylamine	8.87	70	301056	35.35	ng	#	76
20) 3+4-Methylphenols	8.83	107	467462	35.94	ng		88
22) Acetophenone	8.89	105	577351	39.95	ng	#	78
24) Nitrobenzene	9.27	77	419247	40.63	ng	#	79
25) Isophorone	9.79	82	831176	39.58	ng	#	91
26) 2-Nitrophenol	9.98	139	214048	44.36	ng	#	65
27) 2,4-Dimethylphenol	10.04	122	356770	39.61	ng		89
28) bis(2-Chloroethoxy)methane	10.27	93	515333	38.72	ng		96
29) 2,4-Dichlorophenol	10.52	162	352978	41.06	ng		95
30) 1,2,4-Trichlorobenzene	10.74	180	388447	41.55	ng		98
31) Naphthalene	10.92	128	1237381	39.74	ng		99
32) Benzoic acid	10.16	122	259298	37.71	ng	#	79
33) 4-Chloroaniline	11.02	127	507051	37.50	ng	#	85
34) Hexachlorobutadiene	11.21	225	228017	42.86	ng		99
35) Caprolactam	11.79	113	139906	40.30	ng	#	66
36) 4-Chloro-3-methylphenol	12.13	107	394810	38.39	ng	#	85
37) 2-Methylnaphthalene	12.52	142	920100	38.80	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	419396	43.56	ng		99
40) Hexachlorocyclopentadiene	12.87	237	224493	42.61	ng		92

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.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	13.11	196	274762	44.18	ng		99
43) 2,4,5-Trichlorophenol	13.19	196	305646	43.30	ng		94
45) 1,1'-Biphenyl	13.51	154	1160178	41.67	ng		99
46) 2-Chloronaphthalene	13.56	162	834823	41.48	ng		98
47) 2-Nitroaniline	13.75	65	257619	40.36	ng	#	70
48) Acenaphthylene	14.40	152	1490835	41.60	ng		99
49) Dimethylphthalate	14.13	163	1069192	40.57	ng		97
50) 2,6-Dinitrotoluene	14.24	165	251907	42.55	ng	#	68
51) Acenaphthene	14.74	154	977667	41.31	ng		98
52) 3-Nitroaniline	14.57	138	263212	39.75	ng	#	75
53) 2,4-Dinitrophenol	14.77	184	115737	37.36	ng		88
54) Dibenzofuran	15.07	168	1261589	39.98	ng		91
55) 4-Nitrophenol	14.87	139	197183	36.59	ng	#	45
56) 2,4-Dinitrotoluene	15.02	165	344497	43.25	ng	#	77
57) Fluorene	15.72	166	1124720	39.89	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	259241	41.63	ng		95
59) Diethylphthalate	15.48	149	1106324	40.58	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	524615	40.16	ng		93
61) 4-Nitroaniline	15.72	138	259221	37.76	ng	#	56
62) Azobenzene	16.00	77	936280	39.96	ng		83
64) 4,6-Dinitro-2-methylphenol	15.79	198	194473	42.34	ng		88
65) n-Nitrosodiphenylamine	15.92	169	959325	40.30	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	340148	41.35	ng		98
67) Hexachlorobenzene	16.72	284	353154	41.65	ng		93
68) Atrazine	16.86	200	358073	42.50	ng		97
69) Pentachlorophenol	17.06	266	222455	42.53	ng		98
70) Phenanthrene	17.45	178	1688437	39.63	ng		97
71) Anthracene	17.54	178	1743141	40.13	ng		99
72) Carbazole	17.80	167	1688226	38.69	ng		97
73) Di-n-butylphthalate	18.36	149	1902252	44.41	ng	#	95
74) Fluoranthene	19.45	202	1893361	40.36	ng		94
76) Benzidine	19.62	184	755090	32.53	ng		98
77) Pyrene	19.81	202	1942302	41.76	ng		99
79) Butylbenzylphthalate	20.68	149	858623	48.64	ng		90
80) Benzo(a)anthracene	21.63	228	1732507	40.35	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	619914	40.50	ng	#	96
82) Chrysene	21.70	228	1676457	40.60	ng		99
83) Bis(2-ethylhexyl)phthalate	21.54	149	1267544	49.74	ng		98
84) Di-n-octyl phthalate	22.74	149	2178707	51.76	ng	#	84
85) Indeno(1,2,3-cd)pyrene	28.50	276	1736885	35.71	ng	#	88
87) Benzo(b)fluoranthene	23.84	252	1729455	40.24	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	1713286	40.85	ng	#	94
89) Benzo(a)pyrene	24.71	252	1597912	39.26	ng	#	95
90) Dibenzo(a,h)anthracene	28.56	278	1427981	34.92	ng	#	93
91) Benzo(g,h,i)perylene	29.64	276	1518720	37.05	ng	#	87

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

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