Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
Data File : BG028824.D
Acq On : 20 Sep 2017 9:59
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 21 01:20:58 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	30816	20.00	ng		-0.04
21) Naphthalene-d8	11.11	136	135726	20.00	ng		-0.04
38) Acenaphthene-d10	14.91	164	103211	20.00	ng		-0.04
63) Phenanthrene-d10	17.66	188	272809	20.00	ng		-0.04
75) Chrysene-d12	21.99	240	307615	20.00	ng		-0.04
86) Perylene-d12	25.45	264	315457	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	152434	81.62	ng		-0.05
7) Phenol-d6	7.44	99	233213	82.94	ng		-0.05
23) Nitrobenzene-d5	9.46	82	226813	79.94	ng		-0.05
41) 2,4,6-Tribromophenol	16.40	330	151004	88.46	ng		-0.04
44) 2-Fluorobiphenyl	13.53	172	619069	79.98	ng		-0.04
78) Terphenyl-d14	20.25	244	1201903	83.32	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.79	88	28243	37.344	ng	#	91
3) Pyridine	4.18	79	84037	38.953	ng	#	91
4) n-Nitrosodimethylamine	4.09	42	38640	39.373	ng	#	60
6) Aniline	7.61	93	130763	39.958	ng	#	92
8) 2-Chlorophenol	7.85	128	85891	41.256	ng		97
9) Benzaldehyde	7.43	77	68097	39.035	ng		98
10) Phenol	7.47	94	125246	42.205	ng		87
11) bis(2-Chloroethyl)ether	7.70	93	84430	39.629	ng		92
12) 1,3-Dichlorobenzene	8.18	146	93074	41.517	ng		91
13) 1,4-Dichlorobenzene	8.32	146	96914	42.041	ng		97
14) 1,2-Dichlorobenzene	8.65	146	93434	41.026	ng		98
15) Benzyl Alcohol	8.53	79	88900	40.500	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.81	45	145801	37.654	ng		96
17) 2-Methylphenol	8.72	107	77677	40.057	ng		94
18) Hexachloroethane	9.38	117	35007	41.434	ng		96
19) n-Nitroso-di-n-propylamine	9.09	70	80207	40.238	ng	#	90
20) 3+4-Methylphenols	9.05	107	113939	42.008	ng		94
22) Acetophenone	9.12	105	159658	40.231	ng	#	86
24) Nitrobenzene	9.51	77	122532	39.001	ng	#	90
25) Isophorone	10.02	82	230279	40.112	ng	#	97
26) 2-Nitrophenol	10.22	139	54409	40.691	ng	#	86
27) 2,4-Dimethylphenol	10.26	122	99685	40.785	ng		98
28) bis(2-Chloroethoxy)methane	10.50	93	122075	39.157	ng		95
29) 2,4-Dichlorophenol	10.76	162	99218	40.800	ng		97
30) 1,2,4-Trichlorobenzene	10.97	180	111434	40.168	ng		98
31) Naphthalene	11.16	128	290027	40.914	ng		100
32) Benzoic acid	10.43	122	74016	43.321	ng		88
33) 4-Chloroaniline	11.27	127	122247	41.166	ng		91
34) Hexachlorobutadiene	11.43	225	81289	39.782	ng		97
35) Caprolactam	12.06	113	38235	43.844	ng		88
36) 4-Chloro-3-methylphenol	12.37	107	132834	41.972	ng		96
37) 2-Methylnaphthalene	12.75	142	225073	42.527	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	173030	40.773	ng	#	95
40) Hexachlorocyclopentadiene	13.08	237	85757	54.678	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	107225	39.810	ng		94
43) 2,4,5-Trichlorophenol	13.43	196	111736	41.285	ng	#	88
45) 1,1'-Biphenyl	13.74	154	340063	39.794	ng		97
46) 2-Chloronaphthalene	13.79	162	248729	39.906	ng		97
47) 2-Nitroaniline	14.00	65	96551	41.680	ng	#	88
48) Acenaphthylene	14.63	152	407447	40.917	ng		97
49) Dimethylphthalate	14.35	163	357046	41.254	ng		99
50) 2,6-Dinitrotoluene	14.48	165	83687	43.456	ng	#	79
51) Acenaphthene	14.98	154	245634	40.607	ng		92
52) 3-Nitroaniline	14.82	138	73602	43.218	ng		87
53) 2,4-Dinitrophenol	15.03	184	32649	36.958	ng		88
54) Dibenzofuran	15.30	168	408549	42.352	ng		92
55) 4-Nitrophenol	15.13	139	59752	47.889	ng	#	72
56) 2,4-Dinitrotoluene	15.27	165	119598	44.168	ng	#	87
57) Fluorene	15.96	166	367832	42.711	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.53	232	102057	42.786	ng	#	94
59) Diethylphthalate	15.70	149	372032	41.829	ng		98
60) 4-Chlorophenyl-phenylether	15.94	204	209897	42.802	ng		90
61) 4-Nitroaniline	15.99	138	76727	42.527	ng		89
62) Azobenzene	16.23	77	315168	42.133	ng		92
64) 4,6-Dinitro-2-methylphenol	16.04	198	70215	39.887	ng		95
65) n-Nitrosodiphenylamine	16.16	169	316105	40.420	ng		97
66) 4-Bromophenyl-phenylether	16.84	248	146324	41.684	ng		94
67) Hexachlorobenzene	16.97	284	162546	40.685	ng	#	84
68) Atrazine	17.10	200	139650	41.589	ng		98
69) Pentachlorophenol	17.31	266	66939	37.082	ng		97
70) Phenanthrene	17.71	178	571800	40.986	ng		93
71) Anthracene	17.80	178	581775	41.282	ng		96
72) Carbazole	18.07	167	524172	41.298	ng	#	92
73) Di-n-butylphthalate	18.59	149	637537	40.965	ng	#	94
74) Fluoranthene	19.70	202	701870	41.204	ng		93
76) Benzidine	19.88	184	99473	12.470	ng		98
77) Pyrene	20.07	202	731714	41.239	ng		94
79) Butylbenzylphthalate	20.93	149	285080	39.783	ng		89
80) Benzo(a)anthracene	21.97	228	766201	41.380	ng		94
81) 3,3'-Dichlorobenzidine	21.87	252	298429	39.752	ng	#	96
82) Chrysene	22.04	228	723462	41.179	ng		96
83) Bis(2-ethylhexyl)phthalate	21.83	149	412726	40.513	ng		99
84) Di-n-octyl phthalate	23.11	149	721679	40.545	ng	#	87
85) Indeno(1,2,3-cd)pyrene	29.45	276	911991	40.401	ng	#	96
87) Benzo(b)fluoranthene	24.35	252	782208	41.387	ng		98
88) Benzo(k)fluoranthene	24.42	252	770641	40.821	ng		95
89) Benzo(a)pyrene	25.30	252	741557	41.337	ng		96
90) Dibenzo(a,h)anthracene	29.51	278	751830	40.198	ng		96
91) Benzo(g,h,i)perylene	30.70	276	731367	40.077	ng		98

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

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