Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041817\
Data File : BG026651.D
Acq On : 18 Apr 2017 16:24
Operator : SJ/MA
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Quant Time: Apr 18 17:40:01 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 15:52:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	173248	20.00	ng		-0.02
21) Naphthalene-d8	10.83	136	757990	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	460973	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	1129460	20.00	ng		-0.02
75) Chrysene-d12	21.62	240	1222984	20.00	ng		-0.02
86) Perylene-d12	24.78	264	1234477	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1157092	118.54	ng		-0.02
7) Phenol-d6	7.19	99	1524006	116.30	ng		-0.02
23) Nitrobenzene-d5	9.19	82	1301427	103.24	ng		-0.02
41) 2,4,6-Tribromophenol	16.12	330	757364	143.47	ng		-0.02
44) 2-Fluorobiphenyl	13.27	172	3375875	102.70	ng		-0.02
78) Terphenyl-d14	19.97	244	4300805	85.40	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	300405	68.57	ng	#	71
3) Pyridine	3.88	79	697838	58.16	ng	#	62
4) n-Nitrosodimethylamine	3.80	42	194613	59.34	ng	#	1
6) Aniline	7.35	93	1004294	57.37	ng	#	88
8) 2-Chlorophenol	7.60	128	697048	63.42	ng	#	79
9) Benzaldehyde	7.16	77	502328	56.78	ng	#	68
10) Phenol	7.22	94	833206	59.58	ng	#	71
11) bis(2-Chloroethyl)ether	7.44	93	658602	57.43	ng	#	79
12) 1,3-Dichlorobenzene	7.92	146	815013	62.29	ng	#	83
13) 1,4-Dichlorobenzene	8.06	146	826013m	62.41	ng		
14) 1,2-Dichlorobenzene	8.38	146	776996	61.34	ng	#	92
15) Benzyl Alcohol	8.26	79	500962	58.31	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	8.56	45	635239	49.88	ng		79
17) 2-Methylphenol	8.47	107	590344	59.44	ng	#	80
18) Hexachloroethane	9.11	117	264782	61.18	ng		96
19) n-Nitroso-di-n-propylamine	8.83	70	479158	56.88	ng	#	69
20) 3+4-Methylphenols	8.80	107	833736	60.98	ng		86
22) Acetophenone	8.85	105	1038086	59.55	ng	#	73
24) Nitrobenzene	9.23	77	691202	55.53	ng	#	69
25) Isophorone	9.75	82	1355910	57.07	ng	#	87
26) 2-Nitrophenol	9.94	139	438190	67.66	ng	#	60
27) 2,4-Dimethylphenol	10.00	122	682305	64.18	ng		84
28) bis(2-Chloroethoxy)methane	10.23	93	877357	56.84	ng	#	97
29) 2,4-Dichlorophenol	10.48	162	728457	67.75	ng		92
30) 1,2,4-Trichlorobenzene	10.69	180	779157	64.52	ng		99
31) Naphthalene	10.88	128	2151843	56.15	ng		98
32) Benzoic acid	10.16	122	512626	62.67	ng	#	70
33) 4-Chloroaniline	10.98	127	978578	62.78	ng	#	81
34) Hexachlorobutadiene	11.16	225	454106	63.73	ng		98
35) Caprolactam	11.76	113	280702	66.26	ng	#	54
36) 4-Chloro-3-methylphenol	12.10	107	730797	63.54	ng	#	72
37) 2-Methylnaphthalene	12.47	142	1701138	60.60	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	844557	60.89	ng	#	97
40) Hexachlorocyclopentadiene	12.83	237	468112	64.12	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	619452	68.21	ng		97
43) 2,4,5-Trichlorophenol	13.16	196	649671	64.72	ng	#	91
45) 1,1'-Biphenyl	13.47	154	2164841	56.71	ng		98
46) 2-Chloronaphthalene	13.52	162	1653907	59.32	ng		97
47) 2-Nitroaniline	13.72	65	453065	57.14	ng	#	52
48) Acenaphthylene	14.36	152	2637329	54.26	ng		97
49) Dimethylphthalate	14.09	163	2107208	60.56	ng		99
50) 2,6-Dinitrotoluene	14.21	165	532008	65.51	ng	#	59
51) Acenaphthene	14.70	154	1695729	56.65	ng		99
52) 3-Nitroaniline	14.54	138	567889	63.51	ng	#	65
53) 2,4-Dinitrophenol	14.75	184	290755	61.72	ng	#	76
54) Dibenzofuran	15.04	168	2565855	60.89	ng		92
55) 4-Nitrophenol	14.85	139	483368	66.02	ng	#	38
56) 2,4-Dinitrotoluene	15.00	165	763332	66.83	ng	#	66
57) Fluorene	15.68	166	2130013	56.80	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.26	232	640217	73.13	ng	#	94
59) Diethylphthalate	15.44	149	2130428	59.91	ng		97
60) 4-Chlorophenyl-phenylether	15.66	204	1100017	61.90	ng		89
61) 4-Nitroaniline	15.70	138	609765	64.47	ng	#	50
62) Azobenzene	15.96	77	1688093	58.38	ng		77
64) 4,6-Dinitro-2-methylphenol	15.76	198	486184	68.28	ng		83
65) n-Nitrosodiphenylamine	15.88	169	1908184	57.57	ng		96
66) 4-Bromophenyl-phenylether	16.56	248	754905	64.94	ng		95
67) Hexachlorobenzene	16.69	284	817420	65.92	ng	#	89
68) Atrazine	16.83	200	747017	59.53	ng		96
69) Pentachlorophenol	17.03	266	519197	64.39	ng		97
70) Phenanthrene	17.42	178	3235987	53.35	ng		96
71) Anthracene	17.50	178	3341380	54.00	ng		93
72) Carbazole	17.77	167	3155585	49.53	ng		95
73) Di-n-butylphthalate	18.32	149	3466103	52.95	ng	#	94
74) Fluoranthene	19.41	202	3657234	51.28	ng		93
76) Benzidine	19.59	184	2110097	50.04	ng		96
77) Pyrene	19.78	202	3689575	52.10	ng		92
79) Butylbenzylphthalate	20.65	149	1678051	59.22	ng		87
80) Benzo(a)anthracene	21.60	228	3736408	54.29	ng		94
81) 3,3'-Dichlorobenzidine	21.51	252	1628869	57.81	ng		99
82) Chrysene	21.66	228	3451067	52.48	ng		94
83) Bis(2-ethylhexyl)phthalate	21.49	149	2346131	54.82	ng		93
84) Di-n-octyl phthalate	22.68	149	3988172	54.61	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.41	276	5102701	62.85	ng	#	87
87) Benzo(b)fluoranthene	23.78	252	4092157	56.23	ng	#	94
88) Benzo(k)fluoranthene	23.85	252	3968174	56.23	ng	#	95
89) Benzo(a)pyrene	24.64	252	4002002	57.34	ng	#	95
90) Dibenzo(a,h)anthracene	28.46	278	4263001	60.43	ng	#	92
91) Benzo(g,h,i)perylene	29.54	276	4210927	59.25	ng	#	87

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

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