Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
Data File : BG029271.D
Acq On : 16 Oct 2017 13:20
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Oct 16 14:37:02 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 14:33:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	58549	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	279209	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	171705	20.00	ng		0.00
63) Phenanthrene-d10	17.53	188	387628	20.00	ng		0.00
75) Chrysene-d12	21.80	240	404803	20.00	ng		0.00
86) Perylene-d12	25.12	264	420366	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	305147	79.33	ng		0.00
7) Phenol-d6	7.32	99	433788	75.66	ng		0.00
23) Nitrobenzene-d5	9.34	82	380483	88.95	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	195382	86.42	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	998748	84.06	ng		0.00
78) Terphenyl-d14	20.12	244	1509607	77.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	61519	38.246	ng		84
3) Pyridine	3.99	79	181176	40.787	ng		91
4) n-Nitrosodimethylamine	3.91	42	83100	41.053	ng	#	94
6) Aniline	7.49	93	268118	38.360	ng		94
8) 2-Chlorophenol	7.74	128	172224	40.701	ng		93
9) Benzaldehyde	7.30	77	108100	35.868	ng		96
10) Phenol	7.35	94	232625	38.164	ng		94
11) bis(2-Chloroethyl)ether	7.58	93	171590	37.499	ng		94
12) 1,3-Dichlorobenzene	8.06	146	194294	41.688	ng		96
13) 1,4-Dichlorobenzene	8.21	146	200117	42.241	ng		94
14) 1,2-Dichlorobenzene	8.53	146	190982	41.355	ng		98
15) Benzyl Alcohol	8.41	79	150696	34.148	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.70	45	285097	33.633	ng		96
17) 2-Methylphenol	8.61	107	154512	39.173	ng		98
18) Hexachloroethane	9.26	117	68484	44.193	ng		94
19) n-Nitroso-di-n-propylamine	8.98	70	145073	34.833	ng	#	95
20) 3+4-Methylphenols	8.94	107	216729	38.839	ng		96
22) Acetophenone	8.99	105	284895	36.294	ng	#	94
24) Nitrobenzene	9.38	77	213239	44.423	ng		92
25) Isophorone	9.90	82	395084	32.588	ng	#	94
26) 2-Nitrophenol	10.10	139	104819	63.600	ng		87
27) 2,4-Dimethylphenol	10.15	122	181137	39.050	ng		92
28) bis(2-Chloroethoxy)methane	10.39	93	239879	36.014	ng		96
29) 2,4-Dichlorophenol	10.63	162	194267	43.848	ng		92
30) 1,2,4-Trichlorobenzene	10.85	180	208078	42.098	ng		98
31) Naphthalene	11.04	128	588942	39.945	ng		99
32) Benzoic acid	10.29	122	161798	56.233	ng	#	84
33) 4-Chloroaniline	11.14	127	249602	39.170	ng		97
34) Hexachlorobutadiene	11.33	225	129907	41.101	ng		98
35) Caprolactam	11.91	113	64037	36.643	ng		89
36) 4-Chloro-3-methylphenol	12.25	107	213116	35.880	ng	#	87
37) 2-Methylnaphthalene	12.64	142	430099	39.965	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	267483	44.239	ng		98
40) Hexachlorocyclopentadiene	12.98	237	93175	34.537	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	170925	46.250	ng		98
43) 2,4,5-Trichlorophenol	13.31	196	175596	45.830	ng		96
45) 1,1'-Biphenyl	13.63	154	634543	41.918	ng		95
46) 2-Chloronaphthalene	13.68	162	462615	44.740	ng		97
47) 2-Nitroaniline	13.87	65	133569	50.446	ng	#	85
48) Acenaphthylene	14.52	152	723184	42.251	ng		98
49) Dimethylphthalate	14.24	163	583415	39.042	ng		100
50) 2,6-Dinitrotoluene	14.36	165	127676	54.807	ng	#	84
51) Acenaphthene	14.86	154	477635	41.981	ng		99
52) 3-Nitroaniline	14.69	138	135482	55.127	ng	#	84
53) 2,4-Dinitrophenol	14.89	184	57259	67.838	ng	#	51
54) Dibenzofuran	15.19	168	670298	40.579	ng		99
55) 4-Nitrophenol	14.99	139	111918	51.149	ng	#	81
56) 2,4-Dinitrotoluene	15.14	165	172485	58.307	ng	#	80
57) Fluorene	15.83	166	554021	37.554	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.41	232	148987	43.125	ng		97
59) Diethylphthalate	15.59	149	578515	37.961	ng		99
60) 4-Chlorophenyl-phenylether	15.82	204	297201	40.495	ng		97
61) 4-Nitroaniline	15.85	138	136334	51.527	ng		83
62) Azobenzene	16.11	77	482684	35.422	ng		98
64) 4,6-Dinitro-2-methylphenol	15.91	198	89590	69.253	ng		85
65) n-Nitrosodiphenylamine	16.03	169	497308	43.461	ng		97
66) 4-Bromophenyl-phenylether	16.71	248	190549	44.259	ng		98
67) Hexachlorobenzene	16.84	284	214073	46.250	ng		97
68) Atrazine	16.97	200	181874	40.679	ng		98
69) Pentachlorophenol	17.18	266	130714	45.471	ng		98
70) Phenanthrene	17.57	178	853360	41.617	ng		98
71) Anthracene	17.67	178	865498	41.413	ng		100
72) Carbazole	17.92	167	831552	42.018	ng		99
73) Di-n-butylphthalate	18.48	149	962759	42.096	ng		100
74) Fluoranthene	19.57	202	1010189	41.754	ng		97
76) Benzidine	19.74	184	535971	47.779	ng		97
77) Pyrene	19.93	202	1042433	39.445	ng		97
79) Butylbenzylphthalate	20.80	149	447328	43.297	ng		93
80) Benzo(a)anthracene	21.78	228	1009955	40.278	ng		98
81) 3,3'-Dichlorobenzidine	21.69	252	416192	43.493	ng		98
82) Chrysene	21.85	228	958791	39.627	ng		96
83) Bis(2-ethylhexyl)phthalate	21.68	149	641457	41.977	ng		99
84) Di-n-octyl phthalate	22.92	149	1119047	41.859	ng		98
85) Indeno(1,2,3-cd)pyrene	28.93	276	1186430	39.666	ng	#	100
87) Benzo(b)fluoranthene	24.06	252	1027295	42.794	ng		98
88) Benzo(k)fluoranthene	24.13	252	1015844	43.461	ng		98
89) Benzo(a)pyrene	24.96	252	982831	43.102	ng		98
90) Dibenzo(a,h)anthracene	28.98	278	1005990	44.406	ng		97
91) Benzo(g,h,i)perylene	30.10	276	943335	41.572	ng		96

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

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