Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
Data File : BG031637.D
Acq On : 18 Dec 2017 17:04
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 19 07:37:27 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	70890	20.00	ng		-0.01
21) Naphthalene-d8	10.91	136	311503	20.00	ng		-0.01
38) Acenaphthene-d10	14.72	164	210950	20.00	ng		-0.01
63) Phenanthrene-d10	17.47	188	524434	20.00	ng		-0.01
75) Chrysene-d12	21.74	240	527262	20.00	ng		-0.01
86) Perylene-d12	25.02	264	477347	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	305827	76.47	ng		-0.01
7) Phenol-d6	7.27	99	420041	75.65	ng		0.00
23) Nitrobenzene-d5	9.26	82	393337	77.83	ng		-0.01
41) 2,4,6-Tribromophenol	16.21	330	222128	89.88	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1162437	80.89	ng		0.00
78) Terphenyl-d14	20.06	244	1874662	80.89	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	59796	31.335	ng	#	80
3) Pyridine	3.91	79	170070	33.850	ng		87
4) n-Nitrosodimethylamine	3.83	42	77303m	32.665	ng		
6) Aniline	7.42	93	269914	36.915	ng		94
8) 2-Chlorophenol	7.67	128	173575	38.909	ng		88
9) Benzaldehyde	7.24	77	113383	35.232	ng		89
10) Phenol	7.30	94	213228	37.385	ng		91
11) bis(2-Chloroethyl)ether	7.51	93	173779	37.331	ng		86
12) 1,3-Dichlorobenzene	7.98	146	206576	38.939	ng		95
13) 1,4-Dichlorobenzene	8.13	146	207247	37.588	ng		94
14) 1,2-Dichlorobenzene	8.45	146	199011	37.891	ng		98
15) Benzyl Alcohol	8.34	79	155245	35.745	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.62	45	170827	32.665	ng		91
17) 2-Methylphenol	8.55	107	146571	37.699	ng		96
18) Hexachloroethane	9.18	117	71948	38.712	ng		93
19) n-Nitroso-di-n-propylamine	8.90	70	146108	33.434	ng	#	93
20) 3+4-Methylphenols	8.88	107	212569	36.702	ng		96
22) Acetophenone	8.92	105	298746	39.977	ng	#	92
24) Nitrobenzene	9.31	77	200946	38.802	ng		91
25) Isophorone	9.83	82	363630	38.072	ng	#	90
26) 2-Nitrophenol	10.02	139	111376	43.493	ng		92
27) 2,4-Dimethylphenol	10.08	122	158804	40.823	ng		92
28) bis(2-Chloroethoxy)methane	10.30	93	243659	39.516	ng		96
29) 2,4-Dichlorophenol	10.57	162	204624	44.646	ng		89
30) 1,2,4-Trichlorobenzene	10.77	180	246425	42.092	ng		98
31) Naphthalene	10.96	128	594528	38.850	ng		99
32) Benzoic acid	10.26	122	48372	27.526	ng	#	81
33) 4-Chloroaniline	11.07	127	261445	39.347	ng		93
34) Hexachlorobutadiene	11.24	225	168097	43.287	ng		96
35) Caprolactam	11.85	113	65480	36.384	ng	#	66
36) 4-Chloro-3-methylphenol	12.20	107	203436	38.886	ng	#	85
37) 2-Methylnaphthalene	12.56	142	461045	38.911	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	354693	43.022	ng	#	96
40) Hexachlorocyclopentadiene	12.90	237	85406	41.420	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	181638	43.122	ng		99
43) 2,4,5-Trichlorophenol	13.25	196	198714	43.795	ng	#	93
45) 1,1'-Biphenyl	13.56	154	694154	40.064	ng		99
46) 2-Chloronaphthalene	13.61	162	511938	40.370	ng		96
47) 2-Nitroaniline	13.81	65	132862	37.285	ng	#	77
48) Acenaphthylene	14.45	152	805573	39.479	ng		99
49) Dimethylphthalate	14.17	163	696373	39.874	ng		99
50) 2,6-Dinitrotoluene	14.30	165	154363	41.351	ng	#	73
51) Acenaphthene	14.79	154	502840	38.973	ng		97
52) 3-Nitroaniline	14.63	138	150458	39.539	ng	#	77
53) 2,4-Dinitrophenol	14.86	184	46343	35.434	ng	#	45
54) Dibenzofuran	15.12	168	805451	39.121	ng		99
55) 4-Nitrophenol	14.96	139	79796	33.202	ng	#	81
56) 2,4-Dinitrotoluene	15.10	165	213716	40.308	ng	#	71
57) Fluorene	15.77	166	645953	39.156	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.35	232	176707	41.433	ng	#	87
59) Diethylphthalate	15.53	149	678505	38.759	ng		97
60) 4-Chlorophenyl-phenylether	15.75	204	404819	40.108	ng		92
61) 4-Nitroaniline	15.80	138	155872	39.033	ng		87
62) Azobenzene	16.05	77	508832	35.089	ng		91
64) 4,6-Dinitro-2-methylphenol	15.86	198	111413	36.418	ng	#	75
65) n-Nitrosodiphenylamine	15.97	169	624716	40.697	ng		98
66) 4-Bromophenyl-phenylether	16.64	248	256982	42.140	ng		98
67) Hexachlorobenzene	16.78	284	265369	42.141	ng		94
68) Atrazine	16.91	200	235605	41.976	ng		98
69) Pentachlorophenol	17.12	266	99387	36.172	ng		94
70) Phenanthrene	17.51	178	1066432	38.936	ng		98
71) Anthracene	17.60	178	1069981	39.500	ng		99
72) Carbazole	17.87	167	974834	39.767	ng		99
73) Di-n-butylphthalate	18.41	149	1126589	39.797	ng		100
74) Fluoranthene	19.51	202	1334875	38.944	ng		96
76) Benzidine	19.69	184	477351	38.903	ng		98
77) Pyrene	19.87	202	1359953	41.510	ng		97
79) Butylbenzylphthalate	20.73	149	494128	42.993	ng		85
80) Benzo(a)anthracene	21.71	228	1260909	39.620	ng		98
81) 3,3'-Dichlorobenzidine	21.62	252	456713	41.234	ng		97
82) Chrysene	21.78	228	1195529	39.186	ng		98
83) Bis(2-ethylhexyl)phthalate	21.59	149	665343	40.238	ng		99
84) Di-n-octyl phthalate	22.81	149	1052059	38.572	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.77	276	1200671	36.824	ng		97
87) Benzo(b)fluoranthene	23.97	252	1179397	41.327	ng		98
88) Benzo(k)fluoranthene	24.04	252	1153813	39.618	ng		98
89) Benzo(a)pyrene	24.86	252	1079330	39.869	ng		98
90) Dibenzo(a,h)anthracene	28.82	278	1019074	39.364	ng		98
91) Benzo(g,h,i)perylene	29.95	276	989880	38.893	ng		96

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

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