Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023399.D
Acq On : 2 Aug 2016 16:58
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 02 18:41:32 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 16:32:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	169764	20.00	ng		0.01
21) Naphthalene-d8	10.97	136	791879	20.00	ng		0.01
38) Acenaphthene-d10	14.80	164	561435	20.00	ng		0.01
63) Phenanthrene-d10	17.55	188	1262467	20.00	ng		0.00
75) Chrysene-d12	21.87	240	1074854	20.00	ng		0.00
86) Perylene-d12	25.26	264	1135687	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	797249	79.05	ng		0.01
7) Phenol-d6	7.29	99	1247784	79.43	ng		0.01
23) Nitrobenzene-d5	9.31	82	1234823	77.52	ng		0.01
41) 2,4,6-Tribromophenol	16.29	330	659946	80.36	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	2450210	73.61	ng		0.01
78) Terphenyl-d14	20.16	244	2703613	68.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	148476	34.55	ng	#	90
3) Pyridine	3.94	79	504080	35.70	ng	#	93
4) n-Nitrosodimethylamine	3.85	42	197035	37.64	ng	#	68
6) Aniline	7.46	93	770765	33.96	ng		95
8) 2-Chlorophenol	7.70	128	444118	38.33	ng		97
9) Benzaldehyde	7.27	77	379064	43.34	ng		93
10) Phenol	7.32	94	640110	38.09	ng		82
11) bis(2-Chloroethyl)ether	7.55	93	508557	37.94	ng		93
12) 1,3-Dichlorobenzene	8.03	146	493117	37.17	ng		93
13) 1,4-Dichlorobenzene	8.17	146	509399	37.51	ng		94
14) 1,2-Dichlorobenzene	8.50	146	484919	36.40	ng		93
15) Benzyl Alcohol	8.38	79	487467	40.96	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.67	45	754825	38.29	ng		89
17) 2-Methylphenol	8.58	107	429396	38.11	ng		90
18) Hexachloroethane	9.23	117	189936	37.16	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	509500	37.71	ng		95
20) 3+4-Methylphenols	8.91	107	619720	39.02	ng		93
22) Acetophenone	8.97	105	839007	38.70	ng	#	90
24) Nitrobenzene	9.36	77	713883	40.47	ng	#	88
25) Isophorone	9.88	82	1331788	40.14	ng	#	94
26) 2-Nitrophenol	10.07	139	305308	41.01	ng	#	80
27) 2,4-Dimethylphenol	10.13	122	514825	40.62	ng		88
28) bis(2-Chloroethoxy)methane	10.36	93	722167	36.21	ng		99
29) 2,4-Dichlorophenol	10.62	162	514760	40.39	ng		99
30) 1,2,4-Trichlorobenzene	10.83	180	530653	38.61	ng		99
31) Naphthalene	11.02	128	1503434	37.28	ng		99
32) Benzoic acid	10.29	122	428039	38.20	ng	#	87
33) 4-Chloroaniline	11.13	127	671292	34.82	ng		95
34) Hexachlorobutadiene	11.30	225	356134	39.40	ng		95
35) Caprolactam	11.91	113	203868	38.02	ng		93
36) 4-Chloro-3-methylphenol	12.26	107	642094	38.34	ng		92
37) 2-Methylnaphthalene	12.62	142	1150171m	37.52	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	779162	38.27	ng		98
40) Hexachlorocyclopentadiene	12.96	237	389665	37.95	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	475301	39.19	ng		98
43) 2,4,5-Trichlorophenol	13.31	196	484757	38.82	ng		95
45) 1,1'-Biphenyl	13.62	154	1597082	37.21	ng		93
46) 2-Chloronaphthalene	13.67	162	1239959	37.35	ng		95
47) 2-Nitroaniline	13.88	65	499940	36.27	ng	#	87
48) Acenaphthylene	14.52	152	1930941	36.79	ng		94
49) Dimethylphthalate	14.25	163	1638629	38.04	ng		97
50) 2,6-Dinitrotoluene	14.37	165	389888	38.22	ng		83
51) Acenaphthene	14.86	154	1402019m	42.17	ng		
52) 3-Nitroaniline	14.70	138	383925	33.38	ng	#	80
53) 2,4-Dinitrophenol	14.91	184	242460	37.08	ng	#	83
54) Dibenzofuran	15.19	168	1758311	36.42	ng		96
55) 4-Nitrophenol	15.02	139	294226	32.57	ng	#	80
56) 2,4-Dinitrotoluene	15.16	165	545312	38.09	ng		93
57) Fluorene	15.84	166	1549144	36.78	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	422164	36.85	ng		94
59) Diethylphthalate	15.60	149	1648868	37.71	ng		95
60) 4-Chlorophenyl-phenylether	15.83	204	831109	37.28	ng		99
61) 4-Nitroaniline	15.87	138	382122	31.20	ng	#	66
62) Azobenzene	16.13	77	1601579	36.13	ng		90
64) 4,6-Dinitro-2-methylphenol	15.93	198	352144	41.03	ng		94
65) n-Nitrosodiphenylamine	16.05	169	1403742	37.91	ng		97
66) 4-Bromophenyl-phenylether	16.73	248	595864	40.50	ng		96
67) Hexachlorobenzene	16.85	284	629517	39.11	ng		98
68) Atrazine	17.00	200	543731	38.24	ng		97
69) Pentachlorophenol	17.20	266	362478	38.62	ng		98
70) Phenanthrene	17.60	178	2289583	35.74	ng		93
71) Anthracene	17.69	178	2339633	36.31	ng		94
72) Carbazole	17.97	167	2007118	35.48	ng		98
73) Di-n-butylphthalate	18.50	149	2365455	40.45	ng		98
74) Fluoranthene	19.60	202	2385189	38.32	ng		94
76) Benzidine	19.79	184	1118784	37.44	ng		98
77) Pyrene	19.97	202	2359948	37.25	ng		97
79) Butylbenzylphthalate	20.84	149	1029569	39.78	ng		98
80) Benzo(a)anthracene	21.85	228	2225652	37.51	ng		98
81) 3,3'-Dichlorobenzidine	21.76	252	987248	40.57	ng	#	97
82) Chrysene	21.92	228	2149970	38.09	ng		98
83) Bis(2-ethylhexyl)phthalate	21.73	149	1430977	40.37	ng		99
84) Di-n-octyl phthalate	22.99	149	2362582	39.06	ng		99
85) Indeno(1,2,3-cd)pyrene	29.12	276	2906748	41.21	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	2417375	37.83	ng	#	96
88) Benzo(k)fluoranthene	24.24	252	2297167	37.43	ng	#	96
89) Benzo(a)pyrene	25.09	252	2321077	38.19	ng	#	96
90) Dibenzo(a,h)anthracene	29.20	278	2382581	38.38	ng	#	93
91) Benzo(g,h,i)perylene	30.35	276	2388459	38.21	ng	#	94

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

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