Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092216\
Data File : BG024072.D
Acq On : 22 Sep 2016 15:48
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 23 01:25:52 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 19:01:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55266	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	253538	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	188355	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	489257	20.00	ng		0.00
75) Chrysene-d12	21.81	240	494604	20.00	ng		0.00
86) Perylene-d12	25.16	264	499547	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	265937	84.48	ng		0.00
7) Phenol-d6	7.22	99	427434	88.21	ng		0.00
23) Nitrobenzene-d5	9.24	82	521178	91.77	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	253805	74.79	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1044342	79.49	ng		0.00
78) Terphenyl-d14	20.10	244	1750108	80.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	49035	37.77	ng		94
3) Pyridine	3.86	79	173659	44.51	ng		99
4) n-Nitrosodimethylamine	3.77	42	86749	42.18	ng	#	96
6) Aniline	7.37	93	288258	44.82	ng		97
8) 2-Chlorophenol	7.62	128	147728	40.51	ng		96
9) Benzaldehyde	7.19	77	134396	39.03	ng		91
10) Phenol	7.25	94	222175	43.58	ng		93
11) bis(2-Chloroethyl)ether	7.47	93	166753	41.58	ng		90
12) 1,3-Dichlorobenzene	7.94	146	173316	40.61	ng		99
13) 1,4-Dichlorobenzene	8.09	146	172356	38.12	ng		97
14) 1,2-Dichlorobenzene	8.41	146	164576	38.78	ng		92
15) Benzyl Alcohol	8.30	79	192414	45.04	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	229890	42.76	ng		92
17) 2-Methylphenol	8.51	107	150768	43.90	ng		98
18) Hexachloroethane	9.14	117	69601	39.97	ng		95
19) n-Nitroso-di-n-propylamine	8.87	70	191968	44.84	ng		99
20) 3+4-Methylphenols	8.85	107	210960	44.08	ng		98
22) Acetophenone	8.89	105	292006	44.49	ng	#	96
24) Nitrobenzene	9.28	77	278530	45.61	ng		97
25) Isophorone	9.80	82	517134	46.96	ng		98
26) 2-Nitrophenol	9.99	139	98563	42.45	ng		96
27) 2,4-Dimethylphenol	10.06	122	166663	42.24	ng		97
28) bis(2-Chloroethoxy)methane	10.28	93	255322	45.91	ng		98
29) 2,4-Dichlorophenol	10.55	162	180746	43.24	ng		99
30) 1,2,4-Trichlorobenzene	10.75	180	192167	41.91	ng		98
31) Naphthalene	10.93	128	522626	40.00	ng		99
32) Benzoic acid	10.24	122	139466	43.52	ng		97
33) 4-Chloroaniline	11.06	127	230162	42.19	ng		98
34) Hexachlorobutadiene	11.21	225	149335	43.37	ng		92
35) Caprolactam	11.86	113	65836	44.68	ng	#	86
36) 4-Chloro-3-methylphenol	12.20	107	251051	44.94	ng		99
37) 2-Methylnaphthalene	12.55	142	396650	39.91	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	265912	42.53	ng		99
40) Hexachlorocyclopentadiene	12.89	237	116763	35.33	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	170234	40.80	ng		98
43) 2,4,5-Trichlorophenol	13.26	196	174560	41.39	ng		93
45) 1,1'-Biphenyl	13.55	154	601838	39.72	ng		99
46) 2-Chloronaphthalene	13.60	162	440282	39.59	ng		95
47) 2-Nitroaniline	13.83	65	210435	48.03	ng		97
48) Acenaphthylene	14.45	152	744868	40.18	ng		98
49) Dimethylphthalate	14.18	163	659178	40.81	ng		97
50) 2,6-Dinitrotoluene	14.31	165	142706	41.86	ng		98
51) Acenaphthene	14.79	154	446562	38.96	ng		97
52) 3-Nitroaniline	14.65	138	144195	45.21	ng		90
53) 2,4-Dinitrophenol	14.88	184	89749	39.59	ng		90
54) Dibenzofuran	15.13	168	704557	39.38	ng		99
55) 4-Nitrophenol	14.99	139	105944	41.75	ng		95
56) 2,4-Dinitrotoluene	15.11	165	211864	42.27	ng		85
57) Fluorene	15.79	166	603348	38.89	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.37	232	171441	40.05	ng		95
59) Diethylphthalate	15.54	149	685521	39.76	ng		99
60) 4-Chlorophenyl-phenylether	15.77	204	330465	39.57	ng		97
61) 4-Nitroaniline	15.83	138	141976	44.04	ng		88
62) Azobenzene	16.07	77	687808	41.19	ng		96
64) 4,6-Dinitro-2-methylphenol	15.89	198	144861	42.65	ng		91
65) n-Nitrosodiphenylamine	15.99	169	563129	40.52	ng		96
66) 4-Bromophenyl-phenylether	16.67	248	233848	39.29	ng		99
67) Hexachlorobenzene	16.80	284	265736	38.06	ng		98
68) Atrazine	16.94	200	250464	41.89	ng		98
69) Pentachlorophenol	17.16	266	137884	37.19	ng		95
70) Phenanthrene	17.54	178	1001198	39.34	ng		98
71) Anthracene	17.63	178	1031697	39.74	ng		97
72) Carbazole	17.91	167	937636	39.80	ng		99
73) Di-n-butylphthalate	18.44	149	1188217	42.27	ng		98
74) Fluoranthene	19.56	202	1220890	39.84	ng		96
76) Benzidine	19.74	184	642686	41.96	ng		99
77) Pyrene	19.92	202	1244194	40.90	ng		94
79) Butylbenzylphthalate	20.79	149	512266	43.68	ng		98
80) Benzo(a)anthracene	21.79	228	1146431	41.41	ng		94
81) 3,3'-Dichlorobenzidine	21.70	252	459309	41.50	ng	#	98
82) Chrysene	21.86	228	1095789	41.58	ng		99
83) Bis(2-ethylhexyl)phthalate	21.66	149	700610	43.64	ng		96
84) Di-n-octyl phthalate	22.91	149	1182672	44.91	ng		99
85) Indeno(1,2,3-cd)pyrene	29.02	276	1337004	45.82	ng	#	100
87) Benzo(b)fluoranthene	24.09	252	1164713	41.04	ng		98
88) Benzo(k)fluoranthene	24.16	252	1121231	39.85	ng	#	98
89) Benzo(a)pyrene	25.00	252	1098172	40.75	ng	#	96
90) Dibenzo(a,h)anthracene	29.06	278	1088219	41.06	ng	#	95
91) Benzo(g,h,i)perylene	30.21	276	1088230	42.70	ng	#	95

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

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