Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090816\
Data File : BG023964.D
Acq On : 8 Sep 2016 11:30
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 08 14:06:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 20:05:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	45147	20.00	ng		0.04
21) Naphthalene-d8	10.96	136	232424	20.00	ng		0.03
38) Acenaphthene-d10	14.79	164	190746	20.00	ng		0.03
63) Phenanthrene-d10	17.55	188	491691	20.00	ng		0.02
75) Chrysene-d12	21.86	240	508218	20.00	ng		0.01
86) Perylene-d12	25.25	264	510630	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	219502	85.36	ng		0.03
7) Phenol-d6	7.30	99	347144	87.70	ng		0.03
23) Nitrobenzene-d5	9.31	82	440505	84.61	ng		0.04
41) 2,4,6-Tribromophenol	16.29	330	261860	76.20	ng		0.03
44) 2-Fluorobiphenyl	13.41	172	1011028	75.99	ng		0.03
78) Terphenyl-d14	20.15	244	1713795	76.80	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	42522	40.10	ng		98
3) Pyridine	3.94	79	147544	46.29	ng		96
4) n-Nitrosodimethylamine	3.85	42	82363	49.02	ng	#	78
6) Aniline	7.45	93	223774	42.59	ng		98
8) 2-Chlorophenol	7.70	128	123515	41.46	ng		91
9) Benzaldehyde	7.26	77	113790	40.46	ng		97
10) Phenol	7.33	94	176174	42.31	ng		90
11) bis(2-Chloroethyl)ether	7.54	93	131125	40.02	ng		84
12) 1,3-Dichlorobenzene	8.02	146	135533	38.87	ng		98
13) 1,4-Dichlorobenzene	8.17	146	141288	38.25	ng		98
14) 1,2-Dichlorobenzene	8.49	146	137789	39.74	ng		93
15) Benzyl Alcohol	8.38	79	167528	48.00	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	180462	41.09	ng		92
17) 2-Methylphenol	8.59	107	117130	41.75	ng		99
18) Hexachloroethane	9.22	117	62054	43.63	ng		97
19) n-Nitroso-di-n-propylamine	8.94	70	161237	46.11	ng		91
20) 3+4-Methylphenols	8.92	107	173903	44.48	ng		95
22) Acetophenone	8.96	105	241478	40.13	ng	#	97
24) Nitrobenzene	9.35	77	236238	42.20	ng		98
25) Isophorone	9.88	82	426663	42.26	ng		97
26) 2-Nitrophenol	10.07	139	92673	43.54	ng		98
27) 2,4-Dimethylphenol	10.13	122	148990	41.19	ng		94
28) bis(2-Chloroethoxy)methane	10.36	93	204480	40.11	ng		100
29) 2,4-Dichlorophenol	10.62	162	162430	42.39	ng		99
30) 1,2,4-Trichlorobenzene	10.82	180	169557	40.34	ng		97
31) Naphthalene	11.01	128	469033	39.16	ng		97
32) Benzoic acid	10.31	122	107948	36.75	ng		94
33) 4-Chloroaniline	11.13	127	209524	41.90	ng		95
34) Hexachlorobutadiene	11.28	225	134327	42.55	ng		96
35) Caprolactam	11.94	113	58559m	43.36	ng		
36) 4-Chloro-3-methylphenol	12.26	107	230750	45.06	ng		94
37) 2-Methylnaphthalene	12.61	142	373048	40.95	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	248323	39.22	ng		99
40) Hexachlorocyclopentadiene	12.95	237	123688	36.63	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	169528	40.12	ng		96
43) 2,4,5-Trichlorophenol	13.32	196	170112	39.83	ng		91
45) 1,1'-Biphenyl	13.62	154	583571	38.04	ng		98
46) 2-Chloronaphthalene	13.66	162	422193	37.48	ng		97
47) 2-Nitroaniline	13.89	65	197430	44.50	ng		96
48) Acenaphthylene	14.52	152	723545	38.54	ng		97
49) Dimethylphthalate	14.24	163	619539	37.88	ng		99
50) 2,6-Dinitrotoluene	14.37	165	136076	39.41	ng		95
51) Acenaphthene	14.85	154	449692	38.74	ng		98
52) 3-Nitroaniline	14.72	138	132372	40.99	ng	#	82
53) 2,4-Dinitrophenol	14.93	184	71671	32.59	ng	#	87
54) Dibenzofuran	15.19	168	692598	38.23	ng		99
55) 4-Nitrophenol	15.04	139	94343	36.72	ng	#	86
56) 2,4-Dinitrotoluene	15.17	165	201888	39.78	ng		87
57) Fluorene	15.84	166	609581	38.80	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.42	232	178337	41.14	ng		97
59) Diethylphthalate	15.60	149	665537	38.12	ng		98
60) 4-Chlorophenyl-phenylether	15.83	204	329169	38.92	ng		98
61) 4-Nitroaniline	15.88	138	127500	39.05	ng		89
62) Azobenzene	16.12	77	689436	40.77	ng		95
64) 4,6-Dinitro-2-methylphenol	15.94	198	137721	40.34	ng		97
65) n-Nitrosodiphenylamine	16.04	169	558491	39.99	ng		99
66) 4-Bromophenyl-phenylether	16.72	248	243926	40.78	ng		100
67) Hexachlorobenzene	16.85	284	269348	38.39	ng		95
68) Atrazine	16.99	200	235887	39.26	ng		96
69) Pentachlorophenol	17.21	266	137774	36.97	ng		96
70) Phenanthrene	17.59	178	1013552	39.63	ng		97
71) Anthracene	17.68	178	1002260	38.41	ng		99
72) Carbazole	17.96	167	892623	37.70	ng		97
73) Di-n-butylphthalate	18.49	149	1085582	38.43	ng		97
74) Fluoranthene	19.60	202	1173326	38.10	ng		96
76) Benzidine	19.78	184	568646	36.13	ng		98
77) Pyrene	19.96	202	1203264	38.50	ng		95
79) Butylbenzylphthalate	20.83	149	487143	40.43	ng		99
80) Benzo(a)anthracene	21.84	228	1174687	41.29	ng		95
81) 3,3'-Dichlorobenzidine	21.75	252	468306	41.18	ng	#	96
82) Chrysene	21.91	228	1109893	40.99	ng		98
83) Bis(2-ethylhexyl)phthalate	21.71	149	681436	41.31	ng		96
84) Di-n-octyl phthalate	22.97	149	1159673	42.86	ng		99
85) Indeno(1,2,3-cd)pyrene	29.14	276	1388507	46.31	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	1196469	41.25	ng		99
88) Benzo(k)fluoranthene	24.24	252	1161628	40.39	ng	#	98
89) Benzo(a)pyrene	25.09	252	1145064	41.57	ng	#	99
90) Dibenzo(a,h)anthracene	29.19	278	1119239	41.32	ng	#	98
91) Benzo(g,h,i)perylene	30.35	276	1136170	43.61	ng	#	96

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

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