Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092816\
Data File : BG024148.D
Acq On : 28 Sep 2016 15:57
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 29 13:01:20 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	61083	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	286542	20.00	ng		0.00
38) Acenaphthene-d10	14.71	164	238933	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	500466	20.00	ng		0.00
75) Chrysene-d12	21.79	240	535186	20.00	ng		0.00
86) Perylene-d12	25.12	264	540856	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	270382	76.69	ng		0.00
7) Phenol-d6	7.20	99	429223	72.35	ng		0.00
23) Nitrobenzene-d5	9.22	82	536033	73.73	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	220916	64.32	ng		-0.01
44) 2-Fluorobiphenyl	13.32	172	1076937	75.76	ng		0.00
78) Terphenyl-d14	20.09	244	1600927	61.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	64514	47.81	ng		97
3) Pyridine	3.84	79	199165	41.76	ng		96
4) n-Nitrosodimethylamine	3.76	42	85115	35.21	ng	#	88
6) Aniline	7.36	93	288541	34.63	ng		98
8) 2-Chlorophenol	7.60	128	156493	37.08	ng		92
9) Benzaldehyde	7.17	77	128414	39.75	ng		93
10) Phenol	7.23	94	229791	36.85	ng		94
11) bis(2-Chloroethyl)ether	7.45	93	174129	35.40	ng		89
12) 1,3-Dichlorobenzene	7.92	146	181377	38.54	ng		95
13) 1,4-Dichlorobenzene	8.07	146	183144	38.13	ng		98
14) 1,2-Dichlorobenzene	8.40	146	178500	38.18	ng		95
15) Benzyl Alcohol	8.28	79	182919	31.86	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	242080	35.65	ng		95
17) 2-Methylphenol	8.50	107	149453	36.04	ng		96
18) Hexachloroethane	9.12	117	75909	37.51	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	195127	33.49	ng		97
20) 3+4-Methylphenols	8.83	107	215283	35.75	ng		92
22) Acetophenone	8.87	105	304519	36.84	ng	#	94
24) Nitrobenzene	9.27	77	280463	35.99	ng		94
25) Isophorone	9.78	82	522569	35.24	ng		98
26) 2-Nitrophenol	9.98	139	106382	38.49	ng	#	89
27) 2,4-Dimethylphenol	10.04	122	179301	38.79	ng		90
28) bis(2-Chloroethoxy)methane	10.26	93	265498	36.82	ng		96
29) 2,4-Dichlorophenol	10.53	162	186646	38.80	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	195537	37.98	ng		99
31) Naphthalene	10.92	128	550764	37.94	ng		98
32) Benzoic acid	10.22	122	103003	30.58	ng		99
33) 4-Chloroaniline	11.05	127	240256	37.08	ng		98
34) Hexachlorobutadiene	11.19	225	148732	36.69	ng		97
35) Caprolactam	11.83	113	63478	32.44	ng		96
36) 4-Chloro-3-methylphenol	12.18	107	249921	36.92	ng		96
37) 2-Methylnaphthalene	12.53	142	419028	37.70	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	269386	38.62	ng		99
40) Hexachlorocyclopentadiene	12.87	237	96989	36.70	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	173477	38.45	ng		97
43) 2,4,5-Trichlorophenol	13.24	196	168370	36.27	ng		94
45) 1,1'-Biphenyl	13.54	154	638666	39.09	ng		98
46) 2-Chloronaphthalene	13.59	162	471772	38.67	ng		99
47) 2-Nitroaniline	13.81	65	202611	35.69	ng		98
48) Acenaphthylene	14.44	152	773239	37.34	ng		98
49) Dimethylphthalate	14.16	163	661778	36.10	ng		97
50) 2,6-Dinitrotoluene	14.29	165	142979	37.13	ng		98
51) Acenaphthene	14.78	154	471211	37.51	ng		97
52) 3-Nitroaniline	14.64	138	142521	37.06	ng	#	83
53) 2,4-Dinitrophenol	14.87	184	53672	25.62	ng		92
54) Dibenzofuran	15.12	168	722679	36.95	ng		98
55) 4-Nitrophenol	14.99	139	77762m	29.11	ng		
56) 2,4-Dinitrotoluene	15.10	165	208902	35.65	ng	#	90
57) Fluorene	15.77	166	631905	37.12	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	155321m	34.65	ng		
59) Diethylphthalate	15.52	149	690960	35.00	ng		98
60) 4-Chlorophenyl-phenylether	15.75	204	332246	36.43	ng		99
61) 4-Nitroaniline	15.82	138	131551	33.03	ng	#	85
62) Azobenzene	16.05	77	707202	35.26	ng		93
64) 4,6-Dinitro-2-methylphenol	15.87	198	120056	34.55	ng		86
65) n-Nitrosodiphenylamine	15.97	169	567609	41.46	ng		96
66) 4-Bromophenyl-phenylether	16.65	248	223253	38.46	ng		98
67) Hexachlorobenzene	16.78	284	242826	37.13	ng		95
68) Atrazine	16.93	200	213683	35.36	ng		95
69) Pentachlorophenol	17.14	266	94630m	30.23	ng		
70) Phenanthrene	17.52	178	992075	38.92	ng		98
71) Anthracene	17.61	178	1009154	38.54	ng		98
72) Carbazole	17.89	167	894696	36.71	ng		97
73) Di-n-butylphthalate	18.42	149	1102887	34.57	ng		98
74) Fluoranthene	19.54	202	1146062	34.44	ng		96
76) Benzidine	19.73	184	494195	32.62	ng		97
77) Pyrene	19.90	202	1169403	31.29	ng		94
79) Butylbenzylphthalate	20.77	149	511002	37.13	ng		96
80) Benzo(a)anthracene	21.77	228	1152143	37.82	ng		93
81) 3,3'-Dichlorobenzidine	21.68	252	444385	40.70	ng	#	95
82) Chrysene	21.84	228	1104433	38.57	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	721146	43.86	ng		97
84) Di-n-octyl phthalate	22.88	149	1263097	44.53	ng		98
85) Indeno(1,2,3-cd)pyrene	28.95	276	1395525	43.70	ng	#	100
87) Benzo(b)fluoranthene	24.06	252	1169779	37.18	ng	#	98
88) Benzo(k)fluoranthene	24.12	252	1209217	38.69	ng	#	98
89) Benzo(a)pyrene	24.96	252	1156829	38.03	ng	#	98
90) Dibenzo(a,h)anthracene	28.99	278	1122650	36.96	ng	#	95
91) Benzo(g,h,i)perylene	30.14	276	1161463	37.95	ng	#	95

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

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