Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
Data File : BG019942.D
Acq On : 5 Dec 2015 15:04
Operator : UM/NP
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 07 01:08:04 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	31392	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	140778	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	97918	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	248593	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	305266	20.00	ng		-0.03
86) Perylene-d12	25.04	264	291430	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	147317	84.82	ng		-0.01
7) Phenol-d6	7.26	99	226966	86.55	ng		-0.01
23) Nitrobenzene-d5	9.28	82	232713	84.36	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	117419	78.37	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	561300	78.27	ng		-0.02
78) Terphenyl-d14	20.09	244	962530	76.91	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	29979	44.31	ng	#	100
3) Pyridine	3.93	79	90880	44.22	ng	#	85
4) n-Nitrosodimethylamine	3.84	42	42436	39.26	ng		86
6) Aniline	7.44	93	143564	42.27	ng	#	83
8) 2-Chlorophenol	7.67	128	88460	41.77	ng		91
9) Benzaldehyde	7.24	77	67630	38.67	ng		96
10) Phenol	7.29	94	119506	43.30	ng		78
11) bis(2-Chloroethyl)ether	7.53	93	85836	41.99	ng		82
12) 1,3-Dichlorobenzene	8.00	146	99212	41.33	ng	#	94
13) 1,4-Dichlorobenzene	8.15	146	100412	40.50	ng	#	94
14) 1,2-Dichlorobenzene	8.47	146	96272	40.71	ng	#	93
15) Benzyl Alcohol	8.35	79	90393	39.28	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	140343	42.10	ng		91
17) 2-Methylphenol	8.55	107	81700	41.93	ng	#	90
18) Hexachloroethane	9.21	117	37768	40.68	ng		92
19) n-Nitroso-di-n-propylamine	8.92	70	80368	38.86	ng		91
20) 3+4-Methylphenols	8.88	107	114054	41.57	ng		96
22) Acetophenone	8.94	105	155839	40.38	ng	#	91
24) Nitrobenzene	9.32	77	128753	43.03	ng		91
25) Isophorone	9.85	82	232728	39.35	ng		97
26) 2-Nitrophenol	10.04	139	53280	46.11	ng	#	77
27) 2,4-Dimethylphenol	10.09	122	97279	40.42	ng		92
28) bis(2-Chloroethoxy)methane	10.33	93	119476	41.34	ng		97
29) 2,4-Dichlorophenol	10.58	162	103030	41.91	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	109192	39.30	ng		96
31) Naphthalene	10.99	128	304183	40.33	ng		99
32) Benzoic acid	10.22	122	81292	49.86	ng		92
33) 4-Chloroaniline	11.09	127	133833	40.27	ng	#	91
34) Hexachlorobutadiene	11.27	225	78003	38.06	ng		98
35) Caprolactam	11.87	113	35629	38.93	ng	#	80
36) 4-Chloro-3-methylphenol	12.19	107	123395	40.30	ng		92
37) 2-Methylnaphthalene	12.58	142	217241	39.31	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	148534	39.97	ng		100
40) Hexachlorocyclopentadiene	12.93	237	80350	37.92	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	99496	40.44	ng		99
43) 2,4,5-Trichlorophenol	13.25	196	104929	40.36	ng		98
45) 1,1'-Biphenyl	13.58	154	321536	40.01	ng		98
46) 2-Chloronaphthalene	13.63	162	248042	40.04	ng		95
47) 2-Nitroaniline	13.82	65	87756	44.86	ng		87
48) Acenaphthylene	14.47	152	416948	39.52	ng		100
49) Dimethylphthalate	14.19	163	338141	38.39	ng		99
50) 2,6-Dinitrotoluene	14.31	165	71869	43.40	ng	#	78
51) Acenaphthene	14.81	154	261455	40.84	ng		98
52) 3-Nitroaniline	14.64	138	76422	44.42	ng		93
53) 2,4-Dinitrophenol	14.84	184	34857	44.24	ng	#	79
54) Dibenzofuran	15.14	168	374264	39.30	ng		92
55) 4-Nitrophenol	14.94	139	63774	42.56	ng	#	64
56) 2,4-Dinitrotoluene	15.09	165	105219	45.54	ng	#	90
57) Fluorene	15.79	166	326793	38.34	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	95440	39.66	ng		98
59) Diethylphthalate	15.55	149	355446	37.29	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	185101	37.82	ng		98
61) 4-Nitroaniline	15.80	138	82099	42.43	ng	#	72
62) Azobenzene	16.08	77	306155	38.60	ng		95
64) 4,6-Dinitro-2-methylphenol	15.86	198	61997	44.85	ng		93
65) n-Nitrosodiphenylamine	15.99	169	290204	40.34	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	123061	39.84	ng		95
67) Hexachlorobenzene	16.79	284	126306	39.25	ng		96
68) Atrazine	16.94	200	122245	39.11	ng		97
69) Pentachlorophenol	17.13	266	84640	45.07	ng		94
70) Phenanthrene	17.53	178	560497	39.85	ng		96
71) Anthracene	17.62	178	571103	39.86	ng		97
72) Carbazole	17.88	167	502279	39.80	ng		98
73) Di-n-butylphthalate	18.44	149	617572	39.92	ng		99
74) Fluoranthene	19.53	202	714411	39.71	ng		95
76) Benzidine	19.71	184	375932	37.49	ng		98
77) Pyrene	19.89	202	729951	40.64	ng		96
79) Butylbenzylphthalate	20.78	149	294368	41.82	ng		98
80) Benzo(a)anthracene	21.74	228	736993	39.44	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	273255	38.40	ng		97
82) Chrysene	21.81	228	706002	39.79	ng		98
83) Bis(2-ethylhexyl)phthalate	21.65	149	422232	40.87	ng		96
84) Di-n-octyl phthalate	22.88	149	721259	42.94	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.80	276	853079	43.65	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	735443	39.82	ng	#	94
88) Benzo(k)fluoranthene	24.07	252	699267	38.23	ng	#	95
89) Benzo(a)pyrene	24.89	252	692345	39.48	ng	#	95
90) Dibenzo(a,h)anthracene	28.87	278	689552	39.80	ng	#	94
91) Benzo(g,h,i)perylene	29.98	276	696417	40.94	ng	#	92

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

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