Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022967.D
Acq On : 9 Jul 2016 16:08
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
SOHIL
7/11/2016 6:46:34 AM

Quant Time: Jul 11 03:06:36 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	116064	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	563675	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	434567	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	1026081	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1110936	20.00	ng		0.00
86) Perylene-d12	25.20	264	1140051	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	545212	76.83	ng		0.00
7) Phenol-d6	7.31	99	917943	82.59	ng		0.00
23) Nitrobenzene-d5	9.33	82	1049353	79.71	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	569570	72.93	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2167624	78.57	ng		0.00
78) Terphenyl-d14	20.16	244	2949039	83.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	105844	38.37	ng	#	92
3) Pyridine	3.97	79	368582	39.05	ng		97
4) n-Nitrosodimethylamine	3.89	42	162080	40.02	ng	#	85
6) Aniline	7.47	93	630284	40.92	ng		96
8) 2-Chlorophenol	7.71	128	306977	40.65	ng		94
9) Benzaldehyde	7.28	77	290211	39.08	ng		95
10) Phenol	7.33	94	476308	41.65	ng		90
11) bis(2-Chloroethyl)ether	7.56	93	360249	39.74	ng		93
12) 1,3-Dichlorobenzene	8.04	146	359918	38.93	ng		96
13) 1,4-Dichlorobenzene	8.19	146	365557	39.50	ng		95
14) 1,2-Dichlorobenzene	8.51	146	356557	38.75	ng		96
15) Benzyl Alcohol	8.39	79	427589	42.00	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	457899	41.36	ng		94
17) 2-Methylphenol	8.60	107	310806	41.75	ng		89
18) Hexachloroethane	9.24	117	149480	38.26	ng		92
19) n-Nitroso-di-n-propylamine	8.96	70	402665	40.19	ng		96
20) 3+4-Methylphenols	8.93	107	442663	42.64	ng		96
22) Acetophenone	8.98	105	652740	38.58	ng	#	94
24) Nitrobenzene	9.37	77	558803	39.95	ng		95
25) Isophorone	9.89	82	1020086	38.53	ng		96
26) 2-Nitrophenol	10.08	139	223542	40.73	ng		90
27) 2,4-Dimethylphenol	10.14	122	360166	37.96	ng		97
28) bis(2-Chloroethoxy)methane	10.37	93	573376	38.83	ng		99
29) 2,4-Dichlorophenol	10.63	162	415066	41.02	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	455875	39.31	ng		97
31) Naphthalene	11.03	128	1141382	39.78	ng		99
32) Benzoic acid	10.29	122	341437	39.56	ng		91
33) 4-Chloroaniline	11.14	127	567767	40.46	ng		97
34) Hexachlorobutadiene	11.31	225	357536	38.04	ng		94
35) Caprolactam	11.92	113	149161	35.83	ng	#	87
36) 4-Chloro-3-methylphenol	12.26	107	552686	39.93	ng		95
37) 2-Methylnaphthalene	12.63	142	922844	40.69	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	751583	40.13	ng		97
40) Hexachlorocyclopentadiene	12.97	237	387728	35.96	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	429113	39.87	ng		99
43) 2,4,5-Trichlorophenol	13.30	196	442781	40.06	ng		93
45) 1,1'-Biphenyl	13.63	154	1329657	40.78	ng		98
46) 2-Chloronaphthalene	13.67	162	1084815	41.01	ng		97
47) 2-Nitroaniline	13.88	65	461714	40.91	ng		92
48) Acenaphthylene	14.52	152	1597304	40.26	ng		98
49) Dimethylphthalate	14.24	163	1341828	37.80	ng		97
50) 2,6-Dinitrotoluene	14.37	165	303407	38.03	ng		90
51) Acenaphthene	14.86	154	1032974	39.84	ng		100
52) 3-Nitroaniline	14.70	138	315396	39.65	ng		92
53) 2,4-Dinitrophenol	14.91	184	219149	40.03	ng		89
54) Dibenzofuran	15.20	168	1506356	38.81	ng		99
55) 4-Nitrophenol	15.01	139	236456	35.46	ng		93
56) 2,4-Dinitrotoluene	15.16	165	452410	38.90	ng		95
57) Fluorene	15.85	166	1306922	39.13	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	421100m	38.08	ng		
59) Diethylphthalate	15.60	149	1354474	37.50	ng		97
60) 4-Chlorophenyl-phenylether	15.83	204	777489	38.22	ng		99
61) 4-Nitroaniline	15.87	138	323723	37.61	ng	#	86
62) Azobenzene	16.12	77	1377558	39.87	ng		93
64) 4,6-Dinitro-2-methylphenol	15.92	198	292370	38.34	ng		95
65) n-Nitrosodiphenylamine	16.05	169	1225668	41.46	ng		97
66) 4-Bromophenyl-phenylether	16.73	248	526985	39.47	ng		96
67) Hexachlorobenzene	16.85	284	579086	39.90	ng		96
68) Atrazine	16.99	200	513232	39.14	ng		94
69) Pentachlorophenol	17.20	266	350386	37.28	ng		97
70) Phenanthrene	17.59	178	2012646	40.02	ng		97
71) Anthracene	17.69	178	2030656	39.88	ng		98
72) Carbazole	17.96	167	1747798	39.73	ng		99
73) Di-n-butylphthalate	18.50	149	2024314	41.37	ng		99
74) Fluoranthene	19.60	202	2350592	38.09	ng		98
76) Benzidine	19.78	184	1149096	36.08	ng		99
77) Pyrene	19.96	202	2397446	38.40	ng		98
79) Butylbenzylphthalate	20.83	149	1000255	40.45	ng		98
80) Benzo(a)anthracene	21.83	228	2475731	39.83	ng		98
81) 3,3'-Dichlorobenzidine	21.74	252	1066293	39.08	ng	#	94
82) Chrysene	21.90	228	2348434	40.28	ng		97
83) Bis(2-ethylhexyl)phthalate	21.71	149	1370597	39.92	ng		99
84) Di-n-octyl phthalate	22.96	149	2328209	40.66	ng		99
85) Indeno(1,2,3-cd)pyrene	29.06	276	2890229	38.88	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	2617548	39.80	ng		97
88) Benzo(k)fluoranthene	24.21	252	2567747	41.14	ng	#	97
89) Benzo(a)pyrene	25.05	252	2549949	40.44	ng	#	99
90) Dibenzo(a,h)anthracene	29.13	278	2512647	40.15	ng	#	93
91) Benzo(g,h,i)perylene	30.27	276	2525601	40.30	ng	#	97

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

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