Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062416\
Data File : BG022516.D
Acq On : 23 Jun 2016 22:50
Operator : UM/SJ
Sample : SSTDICC10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC10

Manual Integrations APPROVED
umangi
6/24/2016 7:30:39 PM

Quant Time: Jun 24 03:58:22 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 03:43:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	99514	20.00	ng		0.00
21) Naphthalene-d8	11.01	136	426582	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	312960	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	783767	20.00	ng		0.00
75) Chrysene-d12	21.86	240	840880	20.00	ng		0.00
86) Perylene-d12	25.22	264	782795	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	122749	23.45	ng		0.00
7) Phenol-d6	7.32	99	174817	21.61	ng		0.00
23) Nitrobenzene-d5	9.34	82	191641	28.97	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	92179	25.11	ng		0.00
44) 2-Fluorobiphenyl	13.44	172	434540	21.40	ng		0.00
78) Terphenyl-d14	20.16	244	758025	22.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	24904m	9.96	ng		
3) Pyridine	4.02	79	64765	9.53	ng		96
4) n-Nitrosodimethylamine	3.93	42	45265m	24.33	ng		
6) Aniline	7.49	93	121506	11.64	ng		96
8) 2-Chlorophenol	7.74	128	66798	9.59	ng		97
9) Benzaldehyde	7.32	77	71601	16.82	ng		97
10) Phenol	7.34	94	91434	10.86	ng		93
11) bis(2-Chloroethyl)ether	7.59	93	72366	10.87	ng		96
12) 1,3-Dichlorobenzene	8.07	146	74164	9.70	ng		93
13) 1,4-Dichlorobenzene	8.21	146	80573	10.61	ng		94
14) 1,2-Dichlorobenzene	8.53	146	75440	9.91	ng		95
15) Benzyl Alcohol	8.41	79	88921	15.22	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.72	45	86550	12.18	ng		94
17) 2-Methylphenol	8.61	107	59666	9.66	ng		93
18) Hexachloroethane	9.27	117	33331	11.70	ng		92
19) n-Nitroso-di-n-propylamine	8.98	70	81138	14.27	ng		98
20) 3+4-Methylphenols	8.93	107	83153	9.46	ng		88
22) Acetophenone	9.01	105	123122	12.90	ng	#	93
24) Nitrobenzene	9.39	77	103858	15.32	ng		97
25) Isophorone	9.92	82	202383	13.54	ng		99
26) 2-Nitrophenol	10.10	139	35644	10.51	ng	#	88
27) 2,4-Dimethylphenol	10.15	122	70997	11.63	ng		86
28) bis(2-Chloroethoxy)methane	10.39	93	107988	12.72	ng		98
29) 2,4-Dichlorophenol	10.63	162	72832	12.55	ng		98
30) 1,2,4-Trichlorobenzene	10.86	180	82476	12.57	ng		94
31) Naphthalene	11.06	128	215182	10.10	ng		97
32) Benzoic acid	10.22	122	28684	12.57	ng		92
33) 4-Chloroaniline	11.16	127	99954	11.13	ng		95
34) Hexachlorobutadiene	11.34	225	68731	17.77	ng		96
35) Caprolactam	11.93	113	20433	6.94	ng	#	67
36) 4-Chloro-3-methylphenol	12.26	107	89325	12.92	ng		95
37) 2-Methylnaphthalene	12.65	142	166206	10.55	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	109489	13.04	ng		97
40) Hexachlorocyclopentadiene	12.99	237	87054	19.48	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	73009	13.03	ng		94
43) 2,4,5-Trichlorophenol	13.31	196	73569	12.01	ng		92
45) 1,1'-Biphenyl	13.65	154	231145	9.98	ng		97
46) 2-Chloronaphthalene	13.69	162	188819	10.52	ng		98
47) 2-Nitroaniline	13.88	65	64549	13.65	ng		99
48) Acenaphthylene	14.54	152	278524	9.01	ng		97
49) Dimethylphthalate	14.26	163	254196	9.91	ng		99
50) 2,6-Dinitrotoluene	14.38	165	50066	9.03	ng		97
51) Acenaphthene	14.88	154	201246	10.56	ng		98
52) 3-Nitroaniline	14.71	138	45958	7.54	ng		86
53) 2,4-Dinitrophenol	14.91	184	26710	14.16	ng	#	78
54) Dibenzofuran	15.21	168	302381	10.30	ng		99
55) 4-Nitrophenol	14.99	139	41259	9.64	ng		97
56) 2,4-Dinitrotoluene	15.16	165	67665	9.07	ng	#	94
57) Fluorene	15.86	166	245712	9.81	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	80384	14.06	ng		97
59) Diethylphthalate	15.62	149	273245	10.00	ng		98
60) 4-Chlorophenyl-phenylether	15.85	204	143346	12.16	ng		93
61) 4-Nitroaniline	15.87	138	48035	7.55	ng	#	82
62) Azobenzene	16.15	77	294359	13.48	ng		94
64) 4,6-Dinitro-2-methylphenol	15.93	198	39261	10.50	ng		83
65) n-Nitrosodiphenylamine	16.06	169	229196	10.32	ng		97
66) 4-Bromophenyl-phenylether	16.75	248	94939	12.59	ng		96
67) Hexachlorobenzene	16.87	284	103287	11.93	ng		93
68) Atrazine	17.01	200	101201	11.97	ng		97
69) Pentachlorophenol	17.21	266	63432	16.40	ng		95
70) Phenanthrene	17.61	178	411547m	9.87	ng		
71) Anthracene	17.70	178	421888	10.20	ng	#	94
72) Carbazole	17.97	167	366801	9.46	ng		94
73) Di-n-butylphthalate	18.53	149	462442	9.17	ng		97
74) Fluoranthene	19.61	202	503822	10.44	ng		97
76) Benzidine	19.78	184	176616	8.64	ng		97
77) Pyrene	19.97	202	524271	10.26	ng	#	90
79) Butylbenzylphthalate	20.85	149	207942	8.87	ng		95
80) Benzo(a)anthracene	21.83	228	508267	10.90	ng	#	92
81) 3,3'-Dichlorobenzidine	21.75	252	190348	13.76	ng		98
82) Chrysene	21.90	228	473986	10.45	ng		95
83) Bis(2-ethylhexyl)phthalate	21.74	149	278279	8.15	ng		95
84) Di-n-octyl phthalate	23.01	149	442569	7.83	ng		98
85) Indeno(1,2,3-cd)pyrene	29.07	276	504896	9.91	ng	#	100
87) Benzo(b)fluoranthene	24.15	252	478635m	10.65	ng		
88) Benzo(k)fluoranthene	24.22	252	451609m	10.23	ng		
89) Benzo(a)pyrene	25.06	252	444245	10.32	ng	#	99
90) Dibenzo(a,h)anthracene	29.15	278	425316	10.56	ng		97
91) Benzo(g,h,i)perylene	30.28	276	425147	10.16	ng	#	97

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

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