Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
Data File : BG021617.D
Acq On : 13 Apr 2016 12:13
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
4/14/2016 5:29:45 PM

Quant Time: Apr 13 13:49:21 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 13:39:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	29440	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	139473	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	89682	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	214752	20.00	ng		0.00
75) Chrysene-d12	21.83	240	243672	20.00	ng		0.00
86) Perylene-d12	25.17	264	237346	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	87739	45.08	ng		0.00
7) Phenol-d6	7.36	99	131396	34.42	ng		0.00
23) Nitrobenzene-d5	9.38	82	134954	49.59	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	49280	36.62	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	303262	57.44	ng		0.00
78) Terphenyl-d14	20.15	244	498729	45.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	20040	26.70	ng		89
3) Pyridine	4.04	79	57894	18.81	ng		96
4) n-Nitrosodimethylamine	3.95	42	28747	20.97	ng	#	86
6) Aniline	7.54	93	88452	17.66	ng		95
8) 2-Chlorophenol	7.78	128	51974	20.05	ng		97
9) Benzaldehyde	7.35	77	39900	21.28	ng		94
10) Phenol	7.39	94	72368	17.31	ng		95
11) bis(2-Chloroethyl)ether	7.63	93	57886	20.45	ng		93
12) 1,3-Dichlorobenzene	8.11	146	59342	25.03	ng		93
13) 1,4-Dichlorobenzene	8.26	146	59459	23.57	ng		95
14) 1,2-Dichlorobenzene	8.58	146	57281	22.39	ng		99
15) Benzyl Alcohol	8.45	79	50491	14.89	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.74	45	122500	20.17	ng		97
17) 2-Methylphenol	8.64	107	49945	16.79	ng		93
18) Hexachloroethane	9.31	117	21685	25.53	ng	#	72
19) n-Nitroso-di-n-propylamine	9.02	70	52701	15.18	ng		97
20) 3+4-Methylphenols	8.97	107	68231	15.23	ng		93
22) Acetophenone	9.04	105	96446	23.57	ng	#	96
24) Nitrobenzene	9.43	77	70714	24.57	ng		94
25) Isophorone	9.95	82	151280	19.66	ng		98
26) 2-Nitrophenol	10.14	139	26314	25.44	ng		95
27) 2,4-Dimethylphenol	10.19	122	61401	21.52	ng		97
28) bis(2-Chloroethoxy)methane	10.43	93	78067	23.21	ng	#	92
29) 2,4-Dichlorophenol	10.68	162	52314	21.79	ng		96
30) 1,2,4-Trichlorobenzene	10.89	180	57957	27.38	ng		89
31) Naphthalene	11.09	128	185027	24.66	ng	#	94
32) Benzoic acid	10.27	122	28688	8.93	ng		95
33) 4-Chloroaniline	11.19	127	80600	18.33	ng		97
34) Hexachlorobutadiene	11.37	225	37455	31.84	ng		97
35) Caprolactam	11.95	113	24942	8.89	ng	#	86
36) 4-Chloro-3-methylphenol	12.28	107	69382	15.75	ng		97
37) 2-Methylnaphthalene	12.67	142	128639	20.77	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	68124	31.45	ng		97
40) Hexachlorocyclopentadiene	13.01	237	37825	41.38	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	44521	27.22	ng		99
43) 2,4,5-Trichlorophenol	13.33	196	48347	24.29	ng		97
45) 1,1'-Biphenyl	13.67	154	187116	28.12	ng		98
46) 2-Chloronaphthalene	13.71	162	139698	28.22	ng		97
47) 2-Nitroaniline	13.90	65	47569	20.51	ng		94
48) Acenaphthylene	14.55	152	233733	24.43	ng		98
49) Dimethylphthalate	14.27	163	198396	19.98	ng		100
50) 2,6-Dinitrotoluene	14.39	165	38550	21.47	ng		90
51) Acenaphthene	14.89	154	147850	23.85	ng		97
52) 3-Nitroaniline	14.72	138	42418	17.26	ng		97
53) 2,4-Dinitrophenol	14.92	184	10923	14.82	ng	#	82
54) Dibenzofuran	15.22	168	203706	22.59	ng		100
55) 4-Nitrophenol	15.00	139	35791	13.63	ng		93
56) 2,4-Dinitrotoluene	15.17	165	51618	17.88	ng	#	98
57) Fluorene	15.87	166	182366	20.62	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.44	232	41628m	19.76	ng		
59) Diethylphthalate	15.63	149	208020	17.34	ng		99
60) 4-Chlorophenyl-phenylether	15.86	204	87762	21.61	ng		99
61) 4-Nitroaniline	15.88	138	46940	13.78	ng		97
62) Azobenzene	16.15	77	177854	19.90	ng		98
64) 4,6-Dinitro-2-methylphenol	15.93	198	18582	22.64	ng		97
65) n-Nitrosodiphenylamine	16.06	169	160597	28.47	ng		98
66) 4-Bromophenyl-phenylether	16.75	248	57095	29.00	ng		95
67) Hexachlorobenzene	16.86	284	60359	29.68	ng		95
68) Atrazine	17.00	200	63678	19.43	ng		98
69) Pentachlorophenol	17.20	266	32571	23.76	ng		90
70) Phenanthrene	17.60	178	293911	24.18	ng		99
71) Anthracene	17.69	178	302558	24.08	ng		97
72) Carbazole	17.96	167	280438	20.17	ng		99
73) Di-n-butylphthalate	18.51	149	352221	18.02	ng		100
74) Fluoranthene	19.60	202	351418	18.40	ng		99
76) Benzidine	19.77	184	191370	26.19	ng		99
77) Pyrene	19.95	202	358382	23.27	ng		99
79) Butylbenzylphthalate	20.83	149	164582	25.63	ng		99
80) Benzo(a)anthracene	21.81	228	354940	24.97	ng		99
81) 3,3'-Dichlorobenzidine	21.72	252	280514	28.88	ng		99
82) Chrysene	21.88	228	338623	25.07	ng		99
83) Bis(2-ethylhexyl)phthalate	21.71	149	240546	28.61	ng		99
84) Di-n-octyl phthalate	22.97	149	401655	28.88	ng		100
85) Indeno(1,2,3-cd)pyrene	28.98	276	400222	28.83	ng	#	93
87) Benzo(b)fluoranthene	24.10	252	346439	24.81	ng		99
88) Benzo(k)fluoranthene	24.17	252	345502	24.78	ng		99
89) Benzo(a)pyrene	25.01	252	330792	24.57	ng		97
90) Dibenzo(a,h)anthracene	29.05	278	336362	25.40	ng		96
91) Benzo(g,h,i)perylene	30.17	276	330114	25.05	ng		98

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

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