Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051618\
Data File : BG034493.D
Acq On : 16 May 2018 18:06
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
5/17/2018 5:04:21 PM

Quant Time: May 16 18:47:22 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 16 19:55:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	47860	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	220593	20.00	ng		0.00
38) Acenaphthene-d10	14.69	164	153886	20.00	ng		0.00
63) Phenanthrene-d10	17.45	188	377268	20.00	ng		0.00
75) Chrysene-d12	21.74	240	380712	20.00	ng		0.00
86) Perylene-d12	25.02	264	412719	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	508336	171.60	ng		0.00
7) Phenol-d6	7.22	99	809540	175.54	ng		0.01
23) Nitrobenzene-d5	9.22	82	939300	163.37	ng		0.00
41) 2,4,6-Tribromophenol	16.19	330	428907	201.28	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	1764822	167.11	ng		0.00
78) Terphenyl-d14	20.07	244	2567447	147.73	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	97224	78.158	ng	#	76
3) Pyridine	3.92	79	337591	86.493	ng	#	84
4) n-Nitrosodimethylamine	3.84	42	200040	93.995	ng	#	74
6) Aniline	7.37	93	524974	83.692	ng		93
8) 2-Chlorophenol	7.61	128	265762	89.909	ng		98
9) Benzaldehyde	7.18	77	211338	84.637	ng		92
10) Phenol	7.24	94	407514	87.610	ng	#	70
11) bis(2-Chloroethyl)ether	7.47	93	300081	81.947	ng		95
12) 1,3-Dichlorobenzene	7.94	146	310364	82.993	ng	#	88
13) 1,4-Dichlorobenzene	8.09	146	320014	86.164	ng		94
14) 1,2-Dichlorobenzene	8.41	146	304818m	86.404	ng		
15) Benzyl Alcohol	8.29	79	437434	88.917	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.57	45	352378	69.939	ng		79
17) 2-Methylphenol	8.49	107	267696	87.464	ng	#	75
18) Hexachloroethane	9.13	117	134575	85.176	ng		96
19) n-Nitroso-di-n-propylamine	8.86	70	324449	78.340	ng		93
20) 3+4-Methylphenols	8.83	107	375793	82.904	ng		83
22) Acetophenone	8.88	105	548487	72.994	ng		97
24) Nitrobenzene	9.26	77	490618	77.958	ng	#	90
25) Isophorone	9.79	82	887701	75.686	ng	#	94
26) 2-Nitrophenol	9.97	139	173279	99.462	ng	#	54
27) 2,4-Dimethylphenol	10.03	122	297702	88.144	ng		88
28) bis(2-Chloroethoxy)methane	10.27	93	442664	76.837	ng		99
29) 2,4-Dichlorophenol	10.51	162	328019	81.250	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	366403	75.373	ng		93
31) Naphthalene	10.91	128	900886	77.698	ng		98
32) Benzoic acid	10.22	122	225448m	79.384	ng		
33) 4-Chloroaniline	11.02	127	398876	76.290	ng	#	77
34) Hexachlorobutadiene	11.20	225	296764	72.125	ng		96
35) Caprolactam	11.83	113	114672m	79.968	ng		
36) 4-Chloro-3-methylphenol	12.15	107	425678	81.318	ng		90
37) 2-Methylnaphthalene	12.52	142	725916	77.213	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	482948	81.103	ng	#	98
40) Hexachlorocyclopentadiene	12.86	237	391916	111.075	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	308958	89.300	ng		99
43) 2,4,5-Trichlorophenol	13.21	196	335859	87.811	ng	#	93
45) 1,1'-Biphenyl	13.53	154	969325	80.632	ng		95
46) 2-Chloronaphthalene	13.58	162	759173	83.414	ng		93
47) 2-Nitroaniline	13.78	65	328132	90.177	ng	#	86
48) Acenaphthylene	14.42	152	1122901	77.276	ng		97
49) Dimethylphthalate	14.16	163	1017317	76.238	ng		100
50) 2,6-Dinitrotoluene	14.27	165	219006	85.455	ng	#	79
51) Acenaphthene	14.76	154	762456	77.204	ng		96
52) 3-Nitroaniline	14.61	138	196723	76.156	ng	#	76
53) 2,4-Dinitrophenol	14.81	184	150551	150.160	ng		81
54) Dibenzofuran	15.10	168	1186743	82.889	ng	#	86
55) 4-Nitrophenol	14.92	139	180738	91.669	ng	#	37
56) 2,4-Dinitrotoluene	15.06	165	324250	93.178	ng		87
57) Fluorene	15.74	166	941707	75.464	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.32	232	350257	88.521	ng		98
59) Diethylphthalate	15.51	149	1070501	75.811	ng		99
60) 4-Chlorophenyl-phenylether	15.74	204	561754	75.668	ng		89
61) 4-Nitroaniline	15.78	138	220049	80.307	ng	#	27
62) Azobenzene	16.03	77	1129162	74.024	ng		92
64) 4,6-Dinitro-2-methylphenol	15.83	198	203337	114.631	ng		97
65) n-Nitrosodiphenylamine	15.96	169	882962	85.832	ng		97
66) 4-Bromophenyl-phenylether	16.64	248	412609	88.088	ng		93
67) Hexachlorobenzene	16.75	284	444608	93.509	ng		98
68) Atrazine	16.91	200	370177	87.871	ng		94
69) Pentachlorophenol	17.10	266	287595	86.782	ng		98
70) Phenanthrene	17.49	178	1549869	79.949	ng		97
71) Anthracene	17.58	178	1587791	80.815	ng		98
72) Carbazole	17.86	167	1291294	71.796	ng	#	96
73) Di-n-butylphthalate	18.41	149	1587155	73.313	ng	#	96
74) Fluoranthene	19.50	202	1851248	75.571	ng		94
77) Pyrene	19.87	202	1827271	76.607	ng		96
79) Butylbenzylphthalate	20.76	149	752143	80.776	ng		90
80) Benzo(a)anthracene	21.72	228	1899207	77.840	ng		99
81) 3,3'-Dichlorobenzidine	21.64	252	758318	82.188	ng	#	97
82) Chrysene	21.79	228	1758174	75.286	ng		97
83) Bis(2-ethylhexyl)phthalate	21.62	149	993595	77.532	ng	#	96
84) Di-n-octyl phthalate	22.86	149	1707067	83.400	ng		100
85) Indeno(1,2,3-cd)pyrene	28.76	276	2398549	93.328	ng	#	83
87) Benzo(b)fluoranthene	23.98	252	2047704	78.543	ng	#	96
88) Benzo(k)fluoranthene	24.05	252	1968965	79.019	ng	#	93
89) Benzo(a)pyrene	24.87	252	1981625	81.243	ng	#	95
90) Dibenzo(a,h)anthracene	28.84	278	1951485	84.875	ng	#	94
91) Benzo(g,h,i)perylene	29.94	276	1976761	87.227	ng	#	90

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

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