Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051618\
Data File : BG034492.D
Acq On : 16 May 2018 17:28
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
5/17/2018 5:04:18 PM

Quant Time: May 16 18:24:14 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	45971	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	212275	20.00	ng		0.00
38) Acenaphthene-d10	14.69	164	146833	20.00	ng		0.00
63) Phenanthrene-d10	17.45	188	371890	20.00	ng		0.00
75) Chrysene-d12	21.74	240	373899	20.00	ng		0.00
86) Perylene-d12	25.02	264	386895	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	368116	129.37	ng		0.00
7) Phenol-d6	7.21	99	597331	134.85	ng		0.00
23) Nitrobenzene-d5	9.22	82	685922	123.98	ng		0.00
41) 2,4,6-Tribromophenol	16.19	330	318118	156.46	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	1324571	131.45	ng		0.00
78) Terphenyl-d14	20.06	244	2002915	117.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	68264	57.132	ng	#	79
3) Pyridine	3.92	79	240172	64.062	ng	#	84
4) n-Nitrosodimethylamine	3.83	42	147954	72.378	ng	#	59
6) Aniline	7.37	93	384954	63.892	ng		97
8) 2-Chlorophenol	7.61	128	188755	66.481	ng		94
9) Benzaldehyde	7.18	77	190368	79.371	ng		96
10) Phenol	7.24	94	296517	66.367	ng	#	77
11) bis(2-Chloroethyl)ether	7.47	93	222534	63.267	ng		92
12) 1,3-Dichlorobenzene	7.94	146	224982	62.634	ng	#	90
13) 1,4-Dichlorobenzene	8.08	146	231716m	64.954	ng		
14) 1,2-Dichlorobenzene	8.40	146	223403	65.929	ng		96
15) Benzyl Alcohol	8.29	79	310770	65.766	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.58	45	255678	52.832	ng		83
17) 2-Methylphenol	8.49	107	193362	65.773	ng	#	80
18) Hexachloroethane	9.13	117	99104	65.303	ng		97
19) n-Nitroso-di-n-propylamine	8.86	70	237098	59.601	ng		94
20) 3+4-Methylphenols	8.82	107	273062	62.716	ng	#	79
22) Acetophenone	8.87	105	412792	57.088	ng		97
24) Nitrobenzene	9.26	77	346577	57.229	ng	#	90
25) Isophorone	9.78	82	648622	57.469	ng	#	95
26) 2-Nitrophenol	9.97	139	128308	76.534	ng	#	66
27) 2,4-Dimethylphenol	10.03	122	223422	68.743	ng		91
28) bis(2-Chloroethoxy)methane	10.26	93	321923	58.069	ng		96
29) 2,4-Dichlorophenol	10.51	162	239152	61.559	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	262946	56.210	ng		93
31) Naphthalene	10.91	128	660513	59.199	ng		98
32) Benzoic acid	10.20	122	168244	61.563	ng	#	86
33) 4-Chloroaniline	11.02	127	291206	57.879	ng	#	79
34) Hexachlorobutadiene	11.20	225	212068	53.561	ng		96
35) Caprolactam	11.82	113	84750m	61.417	ng		
36) 4-Chloro-3-methylphenol	12.15	107	310037	61.548	ng		87
37) 2-Methylnaphthalene	12.52	142	514814	56.905	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	347695	61.194	ng	#	97
40) Hexachlorocyclopentadiene	12.87	237	289166	85.890	ng		85

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	222994	67.549	ng		97
43) 2,4,5-Trichlorophenol	13.20	196	241491	66.171	ng	#	93
45) 1,1'-Biphenyl	13.53	154	721016	62.858	ng		98
46) 2-Chloronaphthalene	13.57	162	555803	64.002	ng		96
47) 2-Nitroaniline	13.78	65	238116	68.582	ng	#	80
48) Acenaphthylene	14.42	152	852438	61.481	ng		99
49) Dimethylphthalate	14.15	163	774933	60.863	ng		99
50) 2,6-Dinitrotoluene	14.27	165	164559	67.294	ng	#	71
51) Acenaphthene	14.76	154	544269	57.759	ng		96
52) 3-Nitroaniline	14.60	138	154149	62.541	ng	#	86
53) 2,4-Dinitrophenol	14.80	184	113254	118.386	ng	#	74
54) Dibenzofuran	15.10	168	888179	65.016	ng	#	87
55) 4-Nitrophenol	14.92	139	135423	71.985	ng	#	52
56) 2,4-Dinitrotoluene	15.06	165	248213	74.754	ng		88
57) Fluorene	15.74	166	694034	58.288	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.32	232	251747	66.680	ng		98
59) Diethylphthalate	15.52	149	816133	60.573	ng		98
60) 4-Chlorophenyl-phenylether	15.74	204	416484	58.795	ng		90
61) 4-Nitroaniline	15.77	138	158783	60.732	ng	#	14
62) Azobenzene	16.03	77	849335	58.354	ng		93
64) 4,6-Dinitro-2-methylphenol	15.83	198	146797	83.953	ng		98
65) n-Nitrosodiphenylamine	15.96	169	653873	64.482	ng		98
66) 4-Bromophenyl-phenylether	16.64	248	309492	67.029	ng	#	91
67) Hexachlorobenzene	16.75	284	331837	70.800	ng		95
68) Atrazine	16.91	200	280467	67.539	ng		96
69) Pentachlorophenol	17.10	266	207138	63.408	ng		98
70) Phenanthrene	17.50	178	1180620	61.782	ng		99
71) Anthracene	17.58	178	1203959	62.165	ng		98
72) Carbazole	17.85	167	1007050	56.802	ng	#	96
73) Di-n-butylphthalate	18.41	149	1231789	57.721	ng	#	96
74) Fluoranthene	19.50	202	1415741	58.629	ng		95
76) Benzidine	19.68	184	618756	64.244	ng		97
77) Pyrene	19.87	202	1386244	59.176	ng		95
79) Butylbenzylphthalate	20.76	149	558345	61.056	ng		95
80) Benzo(a)anthracene	21.73	228	1439210	60.062	ng		98
81) 3,3'-Dichlorobenzidine	21.64	252	575894	63.554	ng	#	97
82) Chrysene	21.79	228	1327241	57.869	ng		97
83) Bis(2-ethylhexyl)phthalate	21.63	149	743096	59.041	ng	#	97
84) Di-n-octyl phthalate	22.87	149	1255613	62.462	ng		99
85) Indeno(1,2,3-cd)pyrene	28.75	276	1764196	69.896	ng	#	85
87) Benzo(b)fluoranthene	23.98	252	1535296	62.820	ng	#	95
88) Benzo(k)fluoranthene	24.05	252	1437413	61.537	ng	#	97
89) Benzo(a)pyrene	24.86	252	1458057	63.768	ng	#	95
90) Dibenzo(a,h)anthracene	28.83	278	1452052	67.369	ng	#	94
91) Benzo(g,h,i)perylene	29.92	276	1460970	68.770	ng	#	90

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

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