Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032947.D
Acq On : 2 Mar 2018 16:01
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/5/2018 3:17:49 PM

Quant Time: Mar 02 23:40:01 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	65977	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	304299	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	176304	20.00	ng		0.00
63) Phenanthrene-d10	18.27	188	380807	20.00	ng		0.00
75) Chrysene-d12	22.63	240	346122	20.00	ng		0.01
86) Perylene-d12	26.45	264	393719	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	333248	80.81	ng		0.00
7) Phenol-d6	8.02	99	461640	80.31	ng		0.00
23) Nitrobenzene-d5	10.13	82	413129	93.14	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	152000	81.99	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	911038	74.53	ng		0.00
78) Terphenyl-d14	20.79	244	1106420	71.82	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.98	88	69173	38.649	ng		93
3) Pyridine	4.43	79	198087	40.155	ng		96
4) n-Nitrosodimethylamine	4.34	42	88917	44.958	ng	#	85
6) Aniline	8.22	93	265842	34.166	ng		96
8) 2-Chlorophenol	8.47	128	179050	39.667	ng		94
9) Benzaldehyde	8.02	77	117635	35.508	ng		94
10) Phenol	8.05	94	233145	40.236	ng		93
11) bis(2-Chloroethyl)ether	8.30	93	177705	37.505	ng		96
12) 1,3-Dichlorobenzene	8.81	146	200197	37.866	ng		98
13) 1,4-Dichlorobenzene	8.96	146	200553	37.685	ng		96
14) 1,2-Dichlorobenzene	9.30	146	191140	37.481	ng		99
15) Benzyl Alcohol	9.16	79	168429	39.857	ng		88
16) 2,2'-oxybis(1-Chloropropan	9.45	45	325147	39.918	ng		99
17) 2-Methylphenol	9.36	107	166390	38.941	ng		96
18) Hexachloroethane	10.06	117	71718	39.580	ng	#	87
19) n-Nitroso-di-n-propylamine	9.74	70	154498	38.072	ng	#	92
20) 3+4-Methylphenols	9.69	107	239169	40.256	ng		96
22) Acetophenone	9.77	105	292916	38.115	ng	#	96
24) Nitrobenzene	10.17	77	213965	44.611	ng		90
25) Isophorone	10.69	82	404364	37.859	ng	#	93
26) 2-Nitrophenol	10.90	139	103343	56.628	ng		94
27) 2,4-Dimethylphenol	10.92	122	180028	38.801	ng		88
28) bis(2-Chloroethoxy)methane	11.17	93	235095	37.784	ng		98
29) 2,4-Dichlorophenol	11.44	162	170657	40.526	ng		95
30) 1,2,4-Trichlorobenzene	11.67	180	185872	37.654	ng		98
31) Naphthalene	11.86	128	604125	37.993	ng		99
32) Benzoic acid	11.02	122	110990	41.179	ng	#	80
33) 4-Chloroaniline	11.95	127	242473	34.105	ng		95
34) Hexachlorobutadiene	12.13	225	101979	36.831	ng		97
35) Caprolactam	12.70	113	71482	42.393	ng		94
36) 4-Chloro-3-methylphenol	13.00	107	204453	41.721	ng		90
37) 2-Methylnaphthalene	13.41	142	440009	38.249	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	195691	37.391	ng	#	96
40) Hexachlorocyclopentadiene	13.74	237	103974	38.982	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.99	196	135920	41.181	ng		94
43) 2,4,5-Trichlorophenol	14.06	196	157355	41.193	ng		96
45) 1,1'-Biphenyl	14.38	154	575603	37.362	ng		96
46) 2-Chloronaphthalene	14.44	162	428446	37.229	ng		96
47) 2-Nitroaniline	14.62	65	148613	50.548	ng		89
48) Acenaphthylene	15.27	152	708700	37.613	ng		98
49) Dimethylphthalate	14.97	163	554679	37.053	ng		100
50) 2,6-Dinitrotoluene	15.09	165	120410	48.486	ng		91
51) Acenaphthene	15.61	154	437813	37.310	ng		98
52) 3-Nitroaniline	15.42	138	133735	44.316	ng	#	86
53) 2,4-Dinitrophenol	15.62	184	26155	41.755	ng	#	1
54) Dibenzofuran	15.93	168	613938	36.744	ng		94
55) 4-Nitrophenol	15.69	139	84828	38.622	ng		84
56) 2,4-Dinitrotoluene	15.87	165	165215	54.931	ng	#	87
57) Fluorene	16.57	166	515660	37.392	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.14	232	121628m	41.010	ng		
59) Diethylphthalate	16.30	149	582884	36.916	ng		98
60) 4-Chlorophenyl-phenylether	16.55	204	249309	36.956	ng		91
61) 4-Nitroaniline	16.58	138	132505	41.672	ng		82
62) Azobenzene	16.84	77	523621	37.070	ng		96
64) 4,6-Dinitro-2-methylphenol	16.62	198	58017	51.031	ng		95
65) n-Nitrosodiphenylamine	16.76	169	464612	37.504	ng		99
66) 4-Bromophenyl-phenylether	17.44	248	141420	35.121	ng	#	86
67) Hexachlorobenzene	17.57	284	156666	36.004	ng	#	93
68) Atrazine	17.67	200	147046	36.061	ng		95
69) Pentachlorophenol	17.90	266	103354	37.708	ng		98
70) Phenanthrene	18.31	178	788247	37.102	ng		98
71) Anthracene	18.40	178	793136	37.186	ng		99
72) Carbazole	18.66	167	768948	36.576	ng		98
73) Di-n-butylphthalate	19.15	149	973299	37.737	ng		99
74) Fluoranthene	20.26	202	873508	37.221	ng		95
76) Benzidine	20.41	184	49163	4.167	ng	#	94
77) Pyrene	20.62	202	898458	36.809	ng		97
79) Butylbenzylphthalate	21.48	149	451670	41.736	ng		92
80) Benzo(a)anthracene	22.61	228	836223	37.676	ng		100
81) 3,3'-Dichlorobenzidine	22.49	252	300073	36.504	ng	#	98
82) Chrysene	22.69	228	801905	37.822	ng		98
83) Bis(2-ethylhexyl)phthalate	22.44	149	652754	40.748	ng	#	97
84) Di-n-octyl phthalate	23.86	149	1033764	42.338	ng		100
85) Indeno(1,2,3-cd)pyrene	30.89	276	902729	36.509	ng		98
87) Benzo(b)fluoranthene	25.22	252	819468	35.201	ng	#	97
88) Benzo(k)fluoranthene	25.31	252	824256	35.627	ng	#	95
89) Benzo(a)pyrene	26.27	252	794889	35.900	ng	#	97
90) Dibenzo(a,h)anthracene	30.97	278	738753	33.147	ng	#	93
91) Benzo(g,h,i)perylene	32.29	276	728402	33.154	ng	#	92

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

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