Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA N\DATA\BN020118\
Data File : BN000002.D
Acq On : 01 Feb 2018 15:17
Operator : SJ/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 01 18:25:48 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 17:51:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	164295	20.00	ng		0.00
21) Naphthalene-d8	11.32	136	808473	20.00	ng		0.00
38) Acenaphthene-d10	15.09	164	501214	20.00	ng		0.00
63) Phenanthrene-d10	17.81	188	1245814	20.00	ng		0.00
75) Chrysene-d12	21.94	240	1554718	20.00	ng		-0.01
86) Perylene-d12	24.44	264	1719681	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.95	112	56943	6.96	ng		0.00
7) Phenol-d6	7.59	99	79997	7.33	ng		0.00
23) Nitrobenzene-d5	9.66	82	56099	4.33	ng		0.00
41) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng		
44) 2-Fluorobiphenyl	13.72	172	204357	4.85	ng		0.00
78) Terphenyl-d14	20.37	244	318701	4.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	13287	4.828	ng	#	81
3) Pyridine	4.19	79	25941m	3.491	ng		
4) n-Nitrosodimethylamine	4.02	42	9081	2.347	ng	#	43
6) Aniline	7.78	93	54591	4.011	ng		98
8) 2-Chlorophenol	8.03	128	29551	3.056	ng		92
10) Phenol	7.62	94	40180	3.876	ng		86
11) bis(2-Chloroethyl)ether	7.88	93	35104	4.445	ng	#	82
12) 1,3-Dichlorobenzene	8.37	146	36130	2.763	ng		97
13) 1,4-Dichlorobenzene	8.52	146	38666	2.950	ng		95
14) 1,2-Dichlorobenzene	8.84	146	36400	2.835	ng		87
15) Benzyl Alcohol	8.71	79	29963	3.331	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.02	45	38187	5.102	ng		70
17) 2-Methylphenol	8.90	107	29566	3.512	ng	#	89
18) Hexachloroethane	9.59	117	12414	2.821	ng	#	81
19) n-Nitroso-di-n-propylamine	9.28	70	27229	3.762	ng	#	91
20) 3+4-Methylphenols	9.23	107	40254	3.409	ng		86
22) Acetophenone	9.31	105	63001	3.324	ng	#	93
24) Nitrobenzene	9.70	77	28696	2.293	ng		94
25) Isophorone	10.22	82	76530	3.472	ng		98
27) 2,4-Dimethylphenol	10.46	122	35460	3.265	ng		87
28) bis(2-Chloroethoxy)methane	10.70	93	45791	3.789	ng		96
29) 2,4-Dichlorophenol	10.95	162	23316	1.621	ng		93
30) 1,2,4-Trichlorobenzene	11.18	180	34549	1.802	ng		96
31) Naphthalene	11.38	128	123402	3.125	ng		97
33) 4-Chloroaniline	11.47	127	50847	2.887	ng		96
34) Hexachlorobutadiene	11.65	225	17019	1.141	ng		93
35) Caprolactam	12.19	113	10117	2.450	ng	#	80
36) 4-Chloro-3-methylphenol	12.55	107	35781	2.622	ng		95
37) 2-Methylnaphthalene	12.95	142	84308	2.541	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	37538	1.601	ng	#	95
40) Hexachlorocyclopentadiene	13.28	237	10398	0.710	ng		87
42) 2,4,6-Trichlorophenol	13.53	196	18096	1.419	ng		94
43) 2,4,5-Trichlorophenol	13.60	196	19899	1.338	ng	#	89
45) 1,1'-Biphenyl	13.93	154	122677	2.897	ng		97

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46) 2-Chloronaphthalene	13.98	162	89222	2.688	ng		95
48) Acenaphthylene	14.82	152	142568	2.841	ng		98
49) Dimethylphthalate	14.53	163	117285	2.538	ng		99
51) Acenaphthene	15.15	154	95226	2.737	ng		97
54) Dibenzofuran	15.48	168	140677	2.731	ng		95
57) Fluorene	16.12	166	118448	2.768	ng		91
58) 2,3,4,6-Tetrachlorophenol	15.69	232	16525	1.127	ng	#	82
59) Diethylphthalate	15.87	149	119386	2.652	ng		96
60) 4-Chlorophenyl-phenylether	16.11	204	52084	1.930	ng	#	86
62) Azobenzene	16.40	77	118002	4.387	ng		91
65) n-Nitrosodiphenylamine	16.32	169	99151	2.667	ng		98
66) 4-Bromophenyl-phenylether	17.00	248	28326	1.535	ng	#	88
67) Hexachlorobenzene	17.12	284	35230	1.725	ng	#	82
68) Atrazine	17.25	200	27833	1.744	ng		95
70) Phenanthrene	17.85	178	203467	2.929	ng		99
71) Anthracene	17.95	178	189772	2.743	ng		97
72) Carbazole	18.20	167	198682	3.251	ng	#	95
73) Di-n-butylphthalate	18.75	149	188686	2.788	ng	#	96
74) Fluoranthene	19.83	202	229183	2.515	ng		94
76) Benzidine	20.00	184	95361	3.124	ng		98
77) Pyrene	20.19	202	246203	2.582	ng		99
80) Benzo(a)anthracene	21.92	228	250037	2.594	ng		98
81) 3,3'-Dichlorobenzidine	21.84	252	61985	1.660	ng	#	90
82) Chrysene	21.97	228	258805	2.780	ng		99
85) Indeno(1,2,3-cd)pyrene	27.02	276	302154	2.566	ng	#	85
87) Benzo(b)fluoranthene	23.68	252	251369	2.419	ng	#	96
88) Benzo(k)fluoranthene	23.73	252	257719	2.504	ng	#	96
89) Benzo(a)pyrene	24.33	252	241366	2.437	ng	#	94
90) Dibenzo(a,h)anthracene	27.03	278	254716	2.514	ng	#	92
91) Benzo(g,h,i)perylene	27.80	276	257323	2.558	ng	#	88

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

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