Quantitation Report (QT Reviewed)

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

Instrument :
BNA_N
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
2/6/2018 5:13:47 PM

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	8.481	152	164295	20.00	ng		0.00
21) Naphthalene-d8	11.322	136	808473	20.00	ng		0.00
38) Acenaphthene-d10	15.093	164	501214	20.00	ng		0.00
63) Phenanthrene-d10	17.810	188	1245814	20.00	ng		0.00
75) Chrysene-d12	21.939	240	1554718	20.00	ng		-0.01
86) Perylene-d12	24.439	264	1719681	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.952	112	56943	6.96	ng		0.00
7) Phenol-d6	7.593	99	79997	7.33	ng		0.00
23) Nitrobenzene-d5	9.658	82	56099	4.33	ng		0.00
41) 2,4,6-Tribromophenol	0.000	330	0d	0.00	ng		
44) 2-Fluorobiphenyl	13.722	172	204357	4.85	ng		0.00
78) Terphenyl-d14	20.375	244	318701	4.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.664	88	13287	4.83	ng	#	81
3) Pyridine	4.193	79	25941m	3.49	ng		
4) n-Nitrosodimethylamine	4.023	42	9081	2.35	ng	#	43
6) Aniline	7.781	93	54591	4.01	ng		98
8) 2-Chlorophenol	8.028	128	29551	3.06	ng		92
10) Phenol	7.622	94	40180	3.88	ng		86
11) bis(2-Chloroethyl)ether	7.881	93	35104	4.44	ng	#	82
12) 1,3-Dichlorobenzene	8.369	146	36130	2.76	ng		97
13) 1,4-Dichlorobenzene	8.516	146	38666	2.95	ng		95
14) 1,2-Dichlorobenzene	8.840	146	36400	2.84	ng		87
15) Benzyl Alcohol	8.710	79	29963	3.33	ng		93
16) 2,2'-oxybis(1-Chloropr...	9.016	45	38187	5.10	ng		70
17) 2-Methylphenol	8.905	107	29566	3.51	ng	#	89
18) Hexachloroethane	9.587	117	12414	2.82	ng	#	81
19) n-Nitroso-di-n-propyla...	9.281	70	27229	3.76	ng	#	91
20) 3+4-Methylphenols	9.234	107	40254	3.41	ng		86
22) Acetophenone	9.310	105	63001	3.32	ng	#	93
24) Nitrobenzene	9.699	77	28696	2.29	ng		94
25) Isophorone	10.222	82	76530	3.47	ng		98
27) 2,4-Dimethylphenol	10.457	122	35460	3.27	ng		87
28) bis(2-Chloroethoxy)met...	10.705	93	45791	3.79	ng		96
29) 2,4-Dichlorophenol	10.952	162	23316	1.62	ng		93
30) 1,2,4-Trichlorobenzene	11.175	180	34549	1.80	ng		96
31) Naphthalene	11.375	128	123402	3.13	ng		97
33) 4-Chloroaniline	11.469	127	50847	2.89	ng		96
34) Hexachlorobutadiene	11.652	225	17019	1.14	ng		93
35) Caprolactam	12.193	113	10117	2.45	ng	#	80
36) 4-Chloro-3-methylphenol	12.546	107	35781	2.62	ng		95
37) 2-Methylnaphthalene	12.951	142	84308	2.54	ng		92
39) 1,2,4,5-Tetrachloroben...	13.304	216	37538	1.60	ng	#	95
40) Hexachlorocyclopentadiene	13.281	237	10398	0.71	ng		87
42) 2,4,6-Trichlorophenol	13.534	196	18096	1.42	ng		94
43) 2,4,5-Trichlorophenol	13.598	196	19899	1.34	ng	#	89
45) 1,1'-Biphenyl	13.934	154	122677	2.90	ng		97

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46) 2-Chloronaphthalene	13.981	162	89222	2.69	ng		95
48) Acenaphthylene	14.816	152	142568	2.84	ng		98
49) Dimethylphthalate	14.528	163	117285	2.54	ng		99
51) Acenaphthene	15.151	154	95226	2.74	ng		97
54) Dibenzofuran	15.481	168	140677	2.73	ng		95
57) Fluorene	16.122	166	118448	2.77	ng		91
58) 2,3,4,6-Tetrachlorophenol	15.692	232	16525	1.13	ng	#	82
59) Diethylphthalate	15.875	149	119386	2.65	ng		96
60) 4-Chlorophenyl-phenyle...	16.110	204	52084	1.93	ng	#	86
62) Azobenzene	16.404	77	118002	4.39	ng		91
65) n-Nitrosodiphenylamine	16.316	169	99151	2.67	ng		98
66) 4-Bromophenyl-phenylether	17.004	248	28326	1.53	ng	#	88
67) Hexachlorobenzene	17.116	284	35230	1.72	ng	#	82
68) Atrazine	17.245	200	27833	1.74	ng		95
70) Phenanthrene	17.851	178	203467	2.93	ng		99
71) Anthracene	17.945	178	189772	2.74	ng		97
72) Carbazole	18.198	167	198682	3.25	ng	#	95
73) Di-n-butylphthalate	18.745	149	188686	2.79	ng	#	96
74) Fluoranthene	19.828	202	229183	2.52	ng		94
76) Benzidine	19.998	184	95361	3.12	ng		98
77) Pyrene	20.186	202	246203	2.58	ng		99
80) Benzo(a)anthracene	21.922	228	250037	2.59	ng		98
81) 3,3'-Dichlorobenzidine	21.839	252	61985	1.66	ng	#	90
82) Chrysene	21.975	228	258805	2.78	ng		99
85) Indeno(1,2,3-cd)pyrene	27.015	276	302154	2.57	ng	#	85
87) Benzo(b)fluoranthene	23.680	252	251369	2.42	ng	#	96
88) Benzo(k)fluoranthene	23.727	252	257719	2.50	ng	#	96
89) Benzo(a)pyrene	24.327	252	241366	2.44	ng	#	94
90) Dibenzo(a,h)anthracene	27.033	278	254716	2.51	ng	#	92
91) Benzo(g,h,i)perylene	27.798	276	257323	2.56	ng	#	88

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

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