Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
Data File : BN000038.D
Acq On : 07 Feb 2018 15:10
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
2/8/2018 3:37:31 PM

Quant Time: Feb 07 18:23:28 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 14:04:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	485623	20.00	ng		0.00
21) Naphthalene-d8	11.31	136	2410301	20.00	ng		0.00
38) Acenaphthene-d10	15.09	164	1387169	20.00	ng		0.00
63) Phenanthrene-d10	17.81	188	2901265	20.00	ng		0.01
75) Chrysene-d12	21.94	240	2904965	20.00	ng		0.02
86) Perylene-d12	24.43	264	3206337	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	5055798	153.50	ng		0.00
7) Phenol-d6	7.59	99	7443344	148.78	ng		0.00
23) Nitrobenzene-d5	9.65	82	7001837	175.66	ng		0.00
41) 2,4,6-Tribromophenol	16.56	330	2370311	169.98	ng		0.00
44) 2-Fluorobiphenyl	13.72	172	13936869	134.56	ng		0.00
78) Terphenyl-d14	20.37	244	14188160	128.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	950919	72.981	ng		94
3) Pyridine	4.09	79	3249696	82.237	ng		98
4) n-Nitrosodimethylamine	4.00	42	882939	75.944	ng	#	86
6) Aniline	7.77	93	5122696	75.113	ng		91
8) 2-Chlorophenol	8.02	128	2883840	79.148	ng		86
9) Benzaldehyde	7.58	77	1955410	76.548	ng		87
10) Phenol	7.62	94	3926687	76.787	ng		85
11) bis(2-Chloroethyl)ether	7.87	93	3179493	77.937	ng	#	82
12) 1,3-Dichlorobenzene	8.36	146	3158238	78.077	ng		99
13) 1,4-Dichlorobenzene	8.50	146	3229518	77.738	ng		97
14) 1,2-Dichlorobenzene	8.83	146	3162193	77.040	ng		97
15) Benzyl Alcohol	8.70	79	2823825	76.861	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.00	45	3318149	75.199	ng		79
17) 2-Methylphenol	8.90	107	2873860	77.937	ng		93
18) Hexachloroethane	9.57	117	1187787	83.375	ng	#	81
19) n-Nitroso-di-n-propylamine	9.28	70	2545632	75.509	ng	#	81
20) 3+4-Methylphenols	9.23	107	4054013	78.496	ng		92
22) Acetophenone	9.30	105	5396812	75.809	ng	#	86
24) Nitrobenzene	9.69	77	3750848	87.733	ng	#	91
25) Isophorone	10.22	82	7142749	75.650	ng		95
26) 2-Nitrophenol	10.41	139	1570713	119.956	ng	#	89
27) 2,4-Dimethylphenol	10.45	122	3038383	78.484	ng		94
28) bis(2-Chloroethoxy)methane	10.70	93	4375766	80.348	ng		96
29) 2,4-Dichlorophenol	10.95	162	2847166	85.713	ng		96
30) 1,2,4-Trichlorobenzene	11.17	180	3115337	80.091	ng		97
31) Naphthalene	11.36	128	10139987	75.012	ng		98
32) Benzoic acid	10.61	122	2472065	123.313	ng		87
33) 4-Chloroaniline	11.46	127	4768678	76.091	ng		94
34) Hexachlorobutadiene	11.64	225	1621957	81.847	ng		96
35) Caprolactam	12.25	113	1197810	81.124	ng		91
36) 4-Chloro-3-methylphenol	12.55	107	3548714	78.570	ng		97
37) 2-Methylnaphthalene	12.94	142	7162712	74.985	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	3322509	82.230	ng	#	96
40) Hexachlorocyclopentadiene	13.27	237	1558610	115.492	ng		93

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42) 2,4,6-Trichlorophenol	13.52	196	2154566	90.216	ng		97
43) 2,4,5-Trichlorophenol	13.59	196	2511565	89.301	ng	#	94
45) 1,1'-Biphenyl	13.93	154	9330181	75.279	ng		94
46) 2-Chloronaphthalene	13.97	162	7231560	77.719	ng		95
47) 2-Nitroaniline	14.16	65	2223370	101.175	ng	#	79
48) Acenaphthylene	14.81	152	11651360	74.571	ng		97
49) Dimethylphthalate	14.53	163	9137302	73.702	ng		98
50) 2,6-Dinitrotoluene	14.65	165	2043557	92.377	ng	#	89
51) Acenaphthene	15.15	154	7525348	76.327	ng		98
52) 3-Nitroaniline	14.98	138	2452339	90.430	ng	#	87
53) 2,4-Dinitrophenol	15.17	184	701091	137.830	ng	#	1
54) Dibenzofuran	15.47	168	10225372	72.271	ng		92
55) 4-Nitrophenol	15.25	139	1888116	93.847	ng	#	83
56) 2,4-Dinitrotoluene	15.42	165	2811493	97.433	ng	#	90
57) Fluorene	16.12	166	8235510	69.129	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.69	232	1982622m	86.562	ng		
59) Diethylphthalate	15.87	149	9372236	72.353	ng		99
60) 4-Chlorophenyl-phenylether	16.10	204	3885521	73.794	ng		92
61) 4-Nitroaniline	16.13	138	2468327	85.398	ng		90
62) Azobenzene	16.40	77	9228297	71.291	ng		91
64) 4,6-Dinitro-2-methylphenol	16.18	198	1225791	136.867	ng		87
65) n-Nitrosodiphenylamine	16.32	169	7532369	79.449	ng		99
66) 4-Bromophenyl-phenylether	17.00	248	2283897	84.125	ng	#	91
67) Hexachlorobenzene	17.12	284	2617546	83.688	ng	#	92
68) Atrazine	17.25	200	2538813	87.848	ng		95
69) Pentachlorophenol	17.44	266	1771299	94.557	ng		98
70) Phenanthrene	17.85	178	12570448	72.008	ng		94
71) Anthracene	17.94	178	12585341	72.775	ng		95
72) Carbazole	18.20	167	12624254	70.557	ng	#	95
73) Di-n-butylphthalate	18.73	149	13088854	65.873	ng	#	89
74) Fluoranthene	19.83	202	13156104	66.373	ng		81
76) Benzidine	19.99	184	8157422	110.936	ng	#	93
77) Pyrene	20.19	202	13771073	75.141	ng	#	86
79) Butylbenzylphthalate	21.04	149	7248467	99.222	ng		97
80) Benzo(a)anthracene	21.92	228	13475051	74.817	ng	#	91
81) 3,3'-Dichlorobenzidine	21.84	252	5376328	89.078	ng	#	96
82) Chrysene	21.98	228	12926549	72.266	ng	#	90
83) Bis(2-ethylhexyl)phthalate	21.82	149	10322735	85.396	ng	#	99
84) Di-n-octyl phthalate	22.78	149	15112473	77.243	ng		95
85) Indeno(1,2,3-cd)pyrene	27.03	276	18159879	78.704	ng	#	86
87) Benzo(b)fluoranthene	23.68	252	14702362	77.119	ng	#	93
88) Benzo(k)fluoranthene	23.73	252	14289130	74.755	ng	#	90
89) Benzo(a)pyrene	24.33	252	14394820	77.725	ng	#	93
90) Dibenzo(a,h)anthracene	27.04	278	14905136	76.891	ng	#	87
91) Benzo(g,h,i)perylene	27.83	276	15451758	78.431	ng	#	86

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

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