Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
Data File : BN000734.D
Acq On : 18 Apr 2018 11:04
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
4/19/2018 5:42:46 PM

Quant Time: Apr 18 12:32:34 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN041818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 12:16:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	158988	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	671450	20.00	ng		0.00
38) Acenaphthene-d10	14.26	164	332655	20.00	ng		0.00
63) Phenanthrene-d10	17.01	188	614698	20.00	ng		0.00
75) Chrysene-d12	21.22	240	526291	20.00	ng		0.00
86) Perylene-d12	23.41	264	518018	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	537497	49.92	ng		0.00
7) Phenol-d6	6.81	99	734299	50.09	ng		0.00
23) Nitrobenzene-d5	8.78	82	652765	51.45	ng		0.00
41) 2,4,6-Tribromophenol	15.76	330	158526	48.47	ng		0.00
44) 2-Fluorobiphenyl	12.88	172	1240973	51.42	ng		0.00
78) Terphenyl-d14	19.66	244	1201412	49.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	121114	24.518	ng		95
3) Pyridine	3.63	79	337055	25.281	ng		98
4) n-Nitrosodimethylamine	3.55	42	90583	25.085	ng	#	88
6) Aniline	6.97	93	484590	24.766	ng		93
8) 2-Chlorophenol	7.20	128	274833	24.713	ng		91
9) Benzaldehyde	6.79	77	191253	25.723	ng		93
10) Phenol	6.84	94	384089	24.642	ng		87
11) bis(2-Chloroethyl)ether	7.07	93	312634	24.415	ng		85
12) 1,3-Dichlorobenzene	7.52	146	319619	24.797	ng		98
13) 1,4-Dichlorobenzene	7.67	146	320886	24.574	ng		98
14) 1,2-Dichlorobenzene	7.98	146	308889	24.636	ng		96
15) Benzyl Alcohol	7.87	79	249104	24.950	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.17	45	336672	24.236	ng		79
17) 2-Methylphenol	8.07	107	260343	25.051	ng		95
18) Hexachloroethane	8.70	117	118915	24.708	ng	#	81
19) n-Nitroso-di-n-propylamine	8.43	70	231407	25.256	ng	#	82
20) 3+4-Methylphenols	8.40	107	355827	24.946	ng		93
22) Acetophenone	8.45	105	489234	25.305	ng	#	88
24) Nitrobenzene	8.82	77	346917	25.179	ng	#	96
25) Isophorone	9.34	82	581788	24.838	ng		98
26) 2-Nitrophenol	9.52	139	133582	24.493	ng		93
27) 2,4-Dimethylphenol	9.59	122	234144	25.203	ng		97
28) bis(2-Chloroethoxy)methane	9.83	93	379492	24.625	ng		97
29) 2,4-Dichlorophenol	10.05	162	229302	25.424	ng		94
30) 1,2,4-Trichlorobenzene	10.26	180	270614	24.907	ng		99
31) Naphthalene	10.45	128	901145	24.838	ng		98
32) Benzoic acid	9.71	122	173788	22.793	ng		92
33) 4-Chloroaniline	10.56	127	369364	25.049	ng		96
34) Hexachlorobutadiene	10.74	225	144689	24.760	ng		97
35) Caprolactam	11.32	113	70340	23.897	ng		97
36) 4-Chloro-3-methylphenol	11.69	107	264715	24.668	ng		99
37) 2-Methylnaphthalene	12.06	142	584890	24.635	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.44	216	262204	25.634	ng	#	97
40) Hexachlorocyclopentadiene	12.42	237	143539	25.163	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	159751	26.413	ng		99
43) 2,4,5-Trichlorophenol	12.75	196	181944	25.884	ng	#	93
45) 1,1'-Biphenyl	13.09	154	754412	25.262	ng		97
46) 2-Chloronaphthalene	13.13	162	565027	25.176	ng		97
47) 2-Nitroaniline	13.33	65	153746	24.154	ng		91
48) Acenaphthylene	13.98	152	897915	25.390	ng		98
49) Dimethylphthalate	13.73	163	648986	24.508	ng		99
50) 2,6-Dinitrotoluene	13.84	165	132903	24.238	ng		93
51) Acenaphthene	14.33	154	542328	24.819	ng		99
52) 3-Nitroaniline	14.17	138	149932	23.875	ng	#	94
53) 2,4-Dinitrophenol	14.37	184	53966	21.909	ng		97
54) Dibenzofuran	14.66	168	772955	24.605	ng		96
55) 4-Nitrophenol	14.47	139	109438	22.896	ng		88
56) 2,4-Dinitrotoluene	14.63	165	168226	23.629	ng		96
57) Fluorene	15.32	166	617779	24.900	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.89	232	135207m	24.825	ng		
59) Diethylphthalate	15.11	149	634007	24.362	ng		97
60) 4-Chlorophenyl-phenylether	15.32	204	286714	24.719	ng		93
61) 4-Nitroaniline	15.33	138	146662	23.961	ng		94
62) Azobenzene	15.61	77	706720	24.606	ng		89
64) 4,6-Dinitro-2-methylphenol	15.39	198	85217	23.266	ng		88
65) n-Nitrosodiphenylamine	15.53	169	528991	25.788	ng		96
66) 4-Bromophenyl-phenylether	16.22	248	154056	25.064	ng	#	90
67) Hexachlorobenzene	16.32	284	177292	24.982	ng	#	90
68) Atrazine	16.49	200	147693	26.020	ng		95
69) Pentachlorophenol	16.66	266	109559	23.776	ng		99
70) Phenanthrene	17.05	178	887062	24.828	ng		99
71) Anthracene	17.15	178	881011	25.282	ng		98
72) Carbazole	17.42	167	832018	25.201	ng		97
73) Di-n-butylphthalate	18.00	149	931842	24.274	ng		99
74) Fluoranthene	19.07	202	886866	24.800	ng		93
76) Benzidine	19.27	184	338993	23.563	ng		96
77) Pyrene	19.44	202	939444	24.975	ng		100
79) Butylbenzylphthalate	20.37	149	358151	23.423	ng		98
80) Benzo(a)anthracene	21.20	228	830744	25.085	ng		98
81) 3,3'-Dichlorobenzidine	21.14	252	259584	25.725	ng	#	97
82) Chrysene	21.25	228	802407	24.841	ng		98
83) Bis(2-ethylhexyl)phthalate	21.16	149	577886	24.363	ng	#	94
84) Di-n-octyl phthalate	22.04	149	796043	23.936	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.25	276	710376	25.869	ng	#	91
87) Benzo(b)fluoranthene	22.76	252	773410	24.602	ng	#	95
88) Benzo(k)fluoranthene	22.80	252	778205	24.629	ng	#	95
89) Benzo(a)pyrene	23.32	252	717951	25.000	ng	#	94
90) Dibenzo(a,h)anthracene	25.61	278	731861	25.853	ng	#	92
91) Benzo(g,h,i)perylene	26.25	276	710376	25.851	ng	#	88

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

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