Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
Data File : BN000736.D
Acq On : 18 Apr 2018 12:13
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
4/19/2018 5:42:51 PM

Quant Time: Apr 18 12:53:29 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	156532	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	682851	20.00	ng		0.00
38) Acenaphthene-d10	14.26	164	363263	20.00	ng		0.00
63) Phenanthrene-d10	17.01	188	707655	20.00	ng		0.00
75) Chrysene-d12	21.22	240	556948	20.00	ng		0.00
86) Perylene-d12	23.41	264	508512	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1063736	100.34	ng		0.00
7) Phenol-d6	6.82	99	1480275	102.57	ng		0.00
23) Nitrobenzene-d5	8.78	82	1365399	105.81	ng		0.00
41) 2,4,6-Tribromophenol	15.76	330	400209	112.05	ng		0.00
44) 2-Fluorobiphenyl	12.89	172	2542548	96.47	ng		0.00
78) Terphenyl-d14	19.66	244	2695959	105.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	236864	48.702	ng		95
3) Pyridine	3.63	79	641305	48.856	ng		97
4) n-Nitrosodimethylamine	3.55	42	178898	50.319	ng	#	83
6) Aniline	6.98	93	986426	51.205	ng		93
8) 2-Chlorophenol	7.20	128	553648	50.564	ng		91
9) Benzaldehyde	6.79	77	312162	42.643	ng		94
10) Phenol	6.85	94	776774	50.618	ng		86
11) bis(2-Chloroethyl)ether	7.08	93	627150	49.745	ng		85
12) 1,3-Dichlorobenzene	7.52	146	632826	49.867	ng		99
13) 1,4-Dichlorobenzene	7.67	146	639589	49.750	ng		97
14) 1,2-Dichlorobenzene	7.98	146	613521	49.700	ng		97
15) Benzyl Alcohol	7.88	79	541806	55.118	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.17	45	660478	48.291	ng		78
17) 2-Methylphenol	8.08	107	534764	52.265	ng		95
18) Hexachloroethane	8.70	117	243345	51.356	ng	#	82
19) n-Nitroso-di-n-propylamine	8.45	70	472960	52.430	ng	#	81
20) 3+4-Methylphenols	8.40	107	742632	52.881	ng		94
22) Acetophenone	8.45	105	983526	50.023	ng	#	87
24) Nitrobenzene	8.82	77	717099	51.178	ng	#	95
25) Isophorone	9.35	82	1275870	53.560	ng		98
26) 2-Nitrophenol	9.52	139	304736	54.942	ng		93
27) 2,4-Dimethylphenol	9.59	122	489952	51.858	ng		95
28) bis(2-Chloroethoxy)methane	9.83	93	786072	50.156	ng		97
29) 2,4-Dichlorophenol	10.05	162	491282	53.562	ng		96
30) 1,2,4-Trichlorobenzene	10.27	180	558984	50.590	ng		97
31) Naphthalene	10.45	128	1821154	49.358	ng		98
32) Benzoic acid	9.77	122	463495	59.773	ng		93
33) 4-Chloroaniline	10.56	127	782758	52.198	ng		96
34) Hexachlorobutadiene	10.74	225	307622	51.762	ng		98
35) Caprolactam	11.35	113	179096	59.829	ng		96
36) 4-Chloro-3-methylphenol	11.69	107	595381	54.556	ng		99
37) 2-Methylnaphthalene	12.07	142	1217204	50.412	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.44	216	556815	49.850	ng	#	97
40) Hexachlorocyclopentadiene	12.42	237	336059	53.948	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.69	196	361638	54.755	ng		98
43) 2,4,5-Trichlorophenol	12.76	196	414641	54.018	ng		95
45) 1,1'-Biphenyl	13.10	154	1585559	48.619	ng		96
46) 2-Chloronaphthalene	13.13	162	1204172	49.134	ng		97
47) 2-Nitroaniline	13.34	65	375055	53.957	ng		86
48) Acenaphthylene	13.99	152	1946794	50.410	ng		98
49) Dimethylphthalate	13.74	163	1479882	51.177	ng		99
50) 2,6-Dinitrotoluene	13.85	165	320232	53.481	ng		92
51) Acenaphthene	14.33	154	1155171	48.410	ng		99
52) 3-Nitroaniline	14.17	138	365606	53.314	ng	#	94
53) 2,4-Dinitrophenol	14.37	184	159263	59.210	ng		96
54) Dibenzofuran	14.67	168	1684784	49.113	ng		96
55) 4-Nitrophenol	14.49	139	278518	53.361	ng	#	83
56) 2,4-Dinitrotoluene	14.64	165	428218	55.079	ng	#	90
57) Fluorene	15.32	166	1325700	48.931	ng		96
58) 2,3,4,6-Tetrachlorophenol	14.89	232	324418m	54.546	ng		
59) Diethylphthalate	15.12	149	1491820	52.495	ng		98
60) 4-Chlorophenyl-phenylether	15.32	204	619299	48.893	ng		92
61) 4-Nitroaniline	15.35	138	361196	54.038	ng		94
62) Azobenzene	15.62	77	1562114	49.806	ng		90
64) 4,6-Dinitro-2-methylphenol	15.40	198	235715	55.901	ng		89
65) n-Nitrosodiphenylamine	15.54	169	1192457	50.495	ng		96
66) 4-Bromophenyl-phenylether	16.22	248	369858	52.269	ng	#	88
67) Hexachlorobenzene	16.32	284	425464	52.077	ng		94
68) Atrazine	16.50	200	347764	53.220	ng		95
69) Pentachlorophenol	16.66	266	287454	54.187	ng		98
70) Phenanthrene	17.06	178	2015497	49.002	ng		100
71) Anthracene	17.15	178	2018320	50.312	ng		98
72) Carbazole	17.42	167	1911253	50.286	ng		97
73) Di-n-butylphthalate	18.00	149	2366405	53.545	ng		99
74) Fluoranthene	19.08	202	2070389	50.290	ng		94
76) Benzidine	19.27	184	748049	49.134	ng		96
77) Pyrene	19.45	202	2128618	53.473	ng		99
79) Butylbenzylphthalate	20.37	149	943998	58.339	ng		98
80) Benzo(a)anthracene	21.20	228	1780041	50.792	ng		98
81) 3,3'-Dichlorobenzidine	21.15	252	573849	53.738	ng	#	98
82) Chrysene	21.26	228	1695388	49.598	ng		98
83) Bis(2-ethylhexyl)phthalate	21.16	149	1380250	54.986	ng	#	95
84) Di-n-octyl phthalate	22.04	149	1957243	55.612	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.26	276	1409819	48.514	ng	#	91
87) Benzo(b)fluoranthene	22.76	252	1569352	50.853	ng	#	96
88) Benzo(k)fluoranthene	22.80	252	1591647	51.315	ng	#	96
89) Benzo(a)pyrene	23.32	252	1470399	52.159	ng	#	95
90) Dibenzo(a,h)anthracene	25.62	278	1427589	51.372	ng	#	92
91) Benzo(g,h,i)perylene	26.26	276	1409819	52.263	ng	#	89

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

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