Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
Data File : BN000035.D
Acq On : 07 Feb 2018 13:14
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
2/8/2018 3:37:50 PM

Quant Time: Feb 07 18:14:47 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	386022	20.00	ng		0.00
21) Naphthalene-d8	11.31	136	1948217	20.00	ng		0.00
38) Acenaphthene-d10	15.08	164	1170466	20.00	ng		0.00
63) Phenanthrene-d10	17.80	188	2497383	20.00	ng		0.00
75) Chrysene-d12	21.92	240	2652524	20.00	ng		0.00
86) Perylene-d12	24.42	264	2829275	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.95	112	1932610	73.82	ng		0.00
7) Phenol-d6	7.59	99	3018823	75.91	ng		0.00
23) Nitrobenzene-d5	9.65	82	2781703	86.34	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	930328	79.07	ng		0.00
44) 2-Fluorobiphenyl	13.72	172	6765428	77.41	ng		0.00
78) Terphenyl-d14	20.36	244	8120403	80.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	379268	36.618	ng		94
3) Pyridine	4.10	79	1234090	39.288	ng		98
4) n-Nitrosodimethylamine	4.01	42	337821	36.554	ng	#	88
6) Aniline	7.78	93	2049198	37.800	ng		90
8) 2-Chlorophenol	8.02	128	1141963	39.428	ng		86
9) Benzaldehyde	7.59	77	926367	45.621	ng		86
10) Phenol	7.62	94	1581987	38.918	ng		84
11) bis(2-Chloroethyl)ether	7.87	93	1266984	39.070	ng	#	83
12) 1,3-Dichlorobenzene	8.36	146	1258706	39.146	ng		98
13) 1,4-Dichlorobenzene	8.51	146	1282647	38.841	ng		97
14) 1,2-Dichlorobenzene	8.83	146	1271605	38.973	ng		96
15) Benzyl Alcohol	8.70	79	1096594	37.549	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.00	45	1332971	38.003	ng		79
17) 2-Methylphenol	8.90	107	1132685	38.644	ng		94
18) Hexachloroethane	9.58	117	454902	40.170	ng	#	83
19) n-Nitroso-di-n-propylamine	9.28	70	1020336	38.075	ng	#	82
20) 3+4-Methylphenols	9.23	107	1606657	39.136	ng		94
22) Acetophenone	9.30	105	2242138	38.966	ng	#	87
24) Nitrobenzene	9.69	77	1501797	43.459	ng	#	91
25) Isophorone	10.22	82	2896962	37.960	ng		97
26) 2-Nitrophenol	10.41	139	530634	50.137	ng		90
27) 2,4-Dimethylphenol	10.45	122	1213088	38.767	ng		93
28) bis(2-Chloroethoxy)methane	10.69	93	1785282	40.556	ng		97
29) 2,4-Dichlorophenol	10.95	162	1118381	41.654	ng		96
30) 1,2,4-Trichlorobenzene	11.17	180	1253465	39.868	ng		96
31) Naphthalene	11.36	128	4339329	39.714	ng		98
32) Benzoic acid	10.56	122	746894	46.094	ng		85
33) 4-Chloroaniline	11.46	127	1965011	38.791	ng		94
34) Hexachlorobutadiene	11.64	225	655929	40.950	ng		96
35) Caprolactam	12.20	113	465174	38.977	ng		94
36) 4-Chloro-3-methylphenol	12.54	107	1425449	39.046	ng		98
37) 2-Methylnaphthalene	12.94	142	3049002	39.490	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	1383864	40.591	ng	#	96
40) Hexachlorocyclopentadiene	13.27	237	563958	49.526	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	846820	42.023	ng		97
43) 2,4,5-Trichlorophenol	13.59	196	1000466	42.159	ng	#	94
45) 1,1'-Biphenyl	13.92	154	4156123	39.741	ng		97
46) 2-Chloronaphthalene	13.97	162	3129526	39.861	ng		98
47) 2-Nitroaniline	14.16	65	863540	46.571	ng	#	80
48) Acenaphthylene	14.81	152	5209817	39.517	ng		98
49) Dimethylphthalate	14.52	163	4036942	38.591	ng		99
50) 2,6-Dinitrotoluene	14.65	165	825882	44.245	ng		92
51) Acenaphthene	15.15	154	3300837	39.677	ng		99
52) 3-Nitroaniline	14.97	138	1011360	44.199	ng	#	90
53) 2,4-Dinitrophenol	15.17	184	225065	52.438	ng	#	5
54) Dibenzofuran	15.47	168	4627009	38.758	ng		95
55) 4-Nitrophenol	15.25	139	731495	43.090	ng	#	84
56) 2,4-Dinitrotoluene	15.42	165	1114725	45.783	ng		94
57) Fluorene	16.12	166	3834931	38.150	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.69	232	798609m	41.323	ng		
59) Diethylphthalate	15.87	149	4172473	38.175	ng		98
60) 4-Chlorophenyl-phenylether	16.10	204	1727101	38.874	ng		93
61) 4-Nitroaniline	16.12	138	1051220	43.103	ng		88
62) Azobenzene	16.39	77	4154276	38.035	ng		90
64) 4,6-Dinitro-2-methylphenol	16.17	198	418423	54.275	ng		88
65) n-Nitrosodiphenylamine	16.31	169	3383664	41.462	ng		97
66) 4-Bromophenyl-phenylether	16.99	248	965650	41.321	ng	#	88
67) Hexachlorobenzene	17.10	284	1110637	41.252	ng	#	88
68) Atrazine	17.24	200	1085045	43.616	ng		95
69) Pentachlorophenol	17.44	266	672081	41.680	ng		98
70) Phenanthrene	17.85	178	5984315	39.824	ng		100
71) Anthracene	17.93	178	6012146	40.388	ng		99
72) Carbazole	18.19	167	6052578	39.299	ng		97
73) Di-n-butylphthalate	18.73	149	6861117	40.114	ng		99
74) Fluoranthene	19.82	202	6561194	38.455	ng		93
76) Benzidine	19.99	184	3491223	51.997	ng		95
77) Pyrene	20.18	202	7024239	41.975	ng		98
79) Butylbenzylphthalate	21.04	149	3029669	45.419	ng		98
80) Benzo(a)anthracene	21.91	228	6719873	40.862	ng		99
81) 3,3'-Dichlorobenzidine	21.83	252	2450820	44.471	ng	#	97
82) Chrysene	21.96	228	6610358	40.472	ng		98
83) Bis(2-ethylhexyl)phthalate	21.81	149	4703677	42.615	ng	#	95
84) Di-n-octyl phthalate	22.77	149	7413838	41.500	ng	#	94
85) Indeno(1,2,3-cd)pyrene	27.00	276	8276687	39.285	ng	#	86
87) Benzo(b)fluoranthene	23.66	252	6982073	41.504	ng	#	96
88) Benzo(k)fluoranthene	23.71	252	6881877	40.801	ng	#	95
89) Benzo(a)pyrene	24.31	252	6665846	40.789	ng	#	95
90) Dibenzo(a,h)anthracene	27.01	278	6950883	40.636	ng	#	91
91) Benzo(g,h,i)perylene	27.79	276	6938315	39.911	ng	#	88

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

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