Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\Data\BN021218\
Data File : BN000059.D
Acq On : 12 Feb 2018 10:16
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC040

Quant Time: Feb 12 14:55:57 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 18:24:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.463	152	243455	20.00	ng		0.00
21) Naphthalene-d8	11.304	136	1224686	20.00	ng		0.00
38) Acenaphthene-d10	15.075	164	745329	20.00	ng		0.00
63) Phenanthrene-d10	17.792	188	1694410	20.00	ng		0.00
75) Chrysene-d12	21.910	240	2054106	20.00	ng		-0.01
86) Perylene-d12	24.392	264	2305780	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.940	112	1189549	79.63	ng		0.00
7) Phenol-d6	7.587	99	1811884	80.07	ng		0.00
23) Nitrobenzene-d5	9.646	82	1608613	78.09	ng		0.00
41) 2,4,6-Tribromophenol	16.545	330	566733	76.82	ng		0.00
44) 2-Fluorobiphenyl	13.704	172	4091550	77.37	ng		-0.01
78) Terphenyl-d14	20.357	244	5883023	77.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.658	88	239985	39.93	ng		94
3) Pyridine	4.099	79	767188	41.00	ng		98
4) n-Nitrosodimethylamine	4.005	42	206080	38.95	ng	#	95
6) Aniline	7.769	93	1236393	39.66	ng		91
8) 2-Chlorophenol	8.016	128	682544	39.07	ng		86
9) Benzaldehyde	7.581	77	505375	35.90	ng		88
10) Phenol	7.610	94	963001	40.32	ng		86
11) bis(2-Chloroethyl)ether	7.863	93	755631	38.46	ng	#	83
12) 1,3-Dichlorobenzene	8.352	146	761731	38.38	ng		99
13) 1,4-Dichlorobenzene	8.505	146	777149	38.34	ng		97
14) 1,2-Dichlorobenzene	8.828	146	772587	38.72	ng		97
15) Benzyl Alcohol	8.699	79	618857	38.05	ng		85
16) 2,2'-oxybis(1-Chloropr...	8.993	45	773581	37.20	ng		78
17) 2-Methylphenol	8.893	107	671494	39.56	ng		95
18) Hexachloroethane	9.575	117	264355	37.46	ng	#	82
19) n-Nitroso-di-n-propyla...	9.269	70	566050	37.33	ng	#	83
20) 3+4-Methylphenols	9.222	107	930539	39.20	ng		92
22) Acetophenone	9.293	105	1336179	38.93	ng	#	87
24) Nitrobenzene	9.687	77	879468	39.06	ng	#	91
25) Isophorone	10.204	82	1608299	37.77	ng		96
26) 2-Nitrophenol	10.404	139	281666	33.14	ng		89
27) 2,4-Dimethylphenol	10.446	122	691763	37.47	ng		97
28) bis(2-Chloroethoxy)met...	10.687	93	1027821	37.64	ng		97
29) 2,4-Dichlorophenol	10.934	162	640509	37.49	ng		96
30) 1,2,4-Trichlorobenzene	11.163	180	745339	37.89	ng		97
31) Naphthalene	11.357	128	2591668	38.60	ng		98
32) Benzoic acid	10.534	122	380369	32.20	ng		88
33) 4-Chloroaniline	11.451	127	1170859	39.70	ng		93
34) Hexachlorobutadiene	11.634	225	376943	36.95	ng		96
35) Caprolactam	12.193	113	269864	37.13	ng		97
36) 4-Chloro-3-methylphenol	12.534	107	831947	38.36	ng		97
37) 2-Methylnaphthalene	12.934	142	1802970	38.59	ng		96
39) 1,2,4,5-Tetrachloroben...	13.287	216	825795	37.54	ng	#	97
40) Hexachlorocyclopentadiene	13.269	237	309165	33.71	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.516	196	484652	36.76	ng		99
43) 2,4,5-Trichlorophenol	13.587	196	595037	37.54	ng	#	95
45) 1,1'-Biphenyl	13.916	154	2503563	38.14	ng		98
46) 2-Chloronaphthalene	13.969	162	1874867	38.07	ng		97
47) 2-Nitroaniline	14.151	65	493011	35.54	ng	#	83
48) Acenaphthylene	14.804	152	3129707	39.44	ng		98
49) Dimethylphthalate	14.516	163	2454764	39.40	ng		99
50) 2,6-Dinitrotoluene	14.634	165	488624	37.99	ng		93
51) Acenaphthene	15.139	154	1988871	38.50	ng		98
52) 3-Nitroaniline	14.963	138	618485	39.56	ng	#	89
53) 2,4-Dinitrophenol	15.163	184	133064	35.03	ng	#	1
54) Dibenzofuran	15.469	168	2856038	39.04	ng		97
55) 4-Nitrophenol	15.239	139	455356	38.31	ng	#	84
56) 2,4-Dinitrotoluene	15.410	165	669612	37.38	ng		95
57) Fluorene	16.110	166	2380416	39.85	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.681	232	479238	38.31	ng	#	82
59) Diethylphthalate	15.857	149	2544444	40.19	ng		97
60) 4-Chlorophenyl-phenyle...	16.092	204	1063324	39.06	ng		91
61) 4-Nitroaniline	16.110	138	681474	42.42	ng		91
62) Azobenzene	16.386	77	2536273	40.24	ng		91
64) 4,6-Dinitro-2-methylph...	16.163	198	247473	33.96	ng		88
65) n-Nitrosodiphenylamine	16.304	169	2114684	38.36	ng		97
66) 4-Bromophenyl-phenylether	16.981	248	594614	36.90	ng	#	84
67) Hexachlorobenzene	17.098	284	702266	37.32	ng	#	86
68) Atrazine	17.228	200	670776	37.38	ng		94
69) Pentachlorophenol	17.433	266	416020	35.60	ng		97
70) Phenanthrene	17.839	178	3925625	39.22	ng		99
71) Anthracene	17.928	178	3887786	40.12	ng		98
72) Carbazole	18.186	167	4039997	41.38	ng		96
73) Di-n-butylphthalate	18.722	149	4323555	40.11	ng		98
74) Fluoranthene	19.810	202	4470011	42.57	ng		94
76) Benzidine	19.980	184	2211995	33.78	ng		96
77) Pyrene	20.169	202	4891244	37.47	ng		99
79) Butylbenzylphthalate	21.027	149	1995931	33.99	ng	#	96
80) Benzo(a)anthracene	21.892	228	4972233	39.38	ng		99
81) 3,3'-Dichlorobenzidine	21.816	252	1799266	38.80	ng	#	97
82) Chrysene	21.951	228	4901334	38.96	ng		98
83) Bis(2-ethylhexyl)phtha...	21.792	149	3251434	36.14	ng	#	95
84) Di-n-octyl phthalate	22.751	149	5208776	35.11	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.962	276	6719454	43.48	ng	#	87
87) Benzo(b)fluoranthene	23.639	252	5243601	38.85	ng	#	96
88) Benzo(k)fluoranthene	23.692	252	5394442	39.69	ng	#	96
89) Benzo(a)pyrene	24.286	252	5205081	40.22	ng	#	94
90) Dibenzo(a,h)anthracene	26.974	278	5642099	41.69	ng	#	91
91) Benzo(g,h,i)perylene	27.751	276	5649214	41.28	ng	#	88

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

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