Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020618\
Data File : BN000029.D
Acq On : 06 Feb 2018 14:23
Operator :
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC040EC

Quant Time: Feb 07 03:14:40 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 15:24:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	386945	20.00	ng		-0.01
21) Naphthalene-d8	11.32	136	1988722	20.00	ng		-0.01
38) Acenaphthene-d10	15.08	164	1194763	20.00	ng		-0.01
63) Phenanthrene-d10	17.80	188	2607840	20.00	ng		0.00
75) Chrysene-d12	21.93	240	2810581	20.00	ng		-0.02
86) Perylene-d12	24.42	264	3049607	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.95	112	2007684	76.50	ng		0.00
7) Phenol-d6	7.59	99	3125378	78.40	ng		0.00
23) Nitrobenzene-d5	9.65	82	2853378	86.76	ng		-0.01
41) 2,4,6-Tribromophenol	16.55	330	975300	81.20	ng		0.00
44) 2-Fluorobiphenyl	13.72	172	7094854	79.53	ng		-0.01
78) Terphenyl-d14	20.37	244	8790511	82.55	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	388657	37.435	ng		96
3) Pyridine	4.10	79	1276270	40.534	ng		97
4) n-Nitrosodimethylamine	4.01	42	351919	37.989	ng	#	92
6) Aniline	7.78	93	2143525	39.446	ng		91
8) 2-Chlorophenol	8.02	128	1166480	40.179	ng		86
9) Benzaldehyde	7.59	77	758390	36.081	ng		87
10) Phenol	7.62	94	1614364	39.620	ng		86
11) bis(2-Chloroethyl)ether	7.88	93	1296688	39.891	ng	#	82
12) 1,3-Dichlorobenzene	8.36	146	1289777	40.017	ng		98
13) 1,4-Dichlorobenzene	8.51	146	1309355	39.555	ng		98
14) 1,2-Dichlorobenzene	8.83	146	1305523	39.918	ng		97
15) Benzyl Alcohol	8.70	79	1107149	37.820	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.00	45	1382463	39.320	ng		80
17) 2-Methylphenol	8.90	107	1168743	39.779	ng		94
18) Hexachloroethane	9.58	117	455326	40.112	ng	#	82
19) n-Nitroso-di-n-propylamine	9.28	70	1045525	38.922	ng	#	82
20) 3+4-Methylphenols	9.23	107	1633157	39.686	ng		93
22) Acetophenone	9.30	105	2314750	39.408	ng	#	87
24) Nitrobenzene	9.69	77	1526486	43.273	ng	#	93
25) Isophorone	10.22	82	2969976	38.124	ng		96
26) 2-Nitrophenol	10.41	139	482187	41.317	ng		92
27) 2,4-Dimethylphenol	10.45	122	1217247	38.108	ng		94
28) bis(2-Chloroethoxy)methane	10.70	93	1821826	40.544	ng		96
29) 2,4-Dichlorophenol	10.95	162	1126459	41.100	ng		97
30) 1,2,4-Trichlorobenzene	11.17	180	1292455	40.271	ng		96
31) Naphthalene	11.36	128	4455217	39.945	ng		98
32) Benzoic acid	10.56	122	634257	37.739	ng		89
33) 4-Chloroaniline	11.46	127	2039939	39.450	ng		95
34) Hexachlorobutadiene	11.64	225	661057	40.429	ng		95
35) Caprolactam	12.21	113	468551	38.460	ng		91
36) 4-Chloro-3-methylphenol	12.55	107	1459544	39.165	ng		97
37) 2-Methylnaphthalene	12.94	142	3121799	39.609	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	1413785	40.625	ng	#	96
40) Hexachlorocyclopentadiene	13.27	237	540751	46.522	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	842075	40.938	ng		97
43) 2,4,5-Trichlorophenol	13.59	196	1034428	42.703	ng	#	93
45) 1,1'-Biphenyl	13.93	154	4260830	39.914	ng		98
46) 2-Chloronaphthalene	13.97	162	3201304	39.946	ng		97
47) 2-Nitroaniline	14.16	65	859109	41.782	ng	#	81
48) Acenaphthylene	14.81	152	5388470	40.041	ng		97
49) Dimethylphthalate	14.53	163	4186298	39.205	ng		99
50) 2,6-Dinitrotoluene	14.65	165	834342	41.120	ng		92
51) Acenaphthene	15.15	154	3381833	39.824	ng		98
52) 3-Nitroaniline	14.97	138	1024740	41.082	ng	#	92
53) 2,4-Dinitrophenol	15.17	184	206915	44.947	ng	#	18
54) Dibenzofuran	15.47	168	4784669	39.263	ng		95
55) 4-Nitrophenol	15.25	139	730134	39.488	ng	#	86
56) 2,4-Dinitrotoluene	15.42	165	1130736	41.798	ng	#	90
57) Fluorene	16.12	166	3978053	38.769	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.69	232	818788	41.506	ng	#	85
59) Diethylphthalate	15.87	149	4340733	38.907	ng		97
60) 4-Chlorophenyl-phenylether	16.10	204	1781319	39.279	ng		91
61) 4-Nitroaniline	16.12	138	1083341	40.881	ng		90
62) Azobenzene	16.39	77	4324902	38.792	ng		90
64) 4,6-Dinitro-2-methylphenol	16.17	198	398377	43.949	ng		87
65) n-Nitrosodiphenylamine	16.31	169	3538171	41.518	ng		97
66) 4-Bromophenyl-phenylether	16.99	248	1005901	41.220	ng	#	84
67) Hexachlorobenzene	17.11	284	1160788	41.288	ng	#	89
68) Atrazine	17.24	200	1078827	41.530	ng		94
69) Pentachlorophenol	17.45	266	685353	40.703	ng		98
70) Phenanthrene	17.85	178	6319822	40.276	ng		99
71) Anthracene	17.93	178	6305487	40.564	ng		99
72) Carbazole	18.19	167	6430464	39.984	ng		96
73) Di-n-butylphthalate	18.73	149	7172930	40.161	ng		99
74) Fluoranthene	19.82	202	6972196	39.133	ng		93
76) Benzidine	19.99	184	2931430	41.204	ng	#	94
77) Pyrene	20.18	202	7475682	42.161	ng		98
79) Butylbenzylphthalate	21.04	149	3107849	41.101	ng	#	96
80) Benzo(a)anthracene	21.91	228	7200851	41.324	ng		99
81) 3,3'-Dichlorobenzidine	21.83	252	2541846	43.529	ng	#	96
82) Chrysene	21.97	228	7030241	40.623	ng		98
83) Bis(2-ethylhexyl)phthalate	21.81	149	4940434	42.243	ng	#	94
84) Di-n-octyl phthalate	22.78	149	7733855	40.857	ng	#	94
85) Indeno(1,2,3-cd)pyrene	27.00	276	8981139	40.231	ng	#	86
87) Benzo(b)fluoranthene	23.66	252	7321466	40.378	ng	#	96
88) Benzo(k)fluoranthene	23.72	252	7524179	41.386	ng	#	94
89) Benzo(a)pyrene	24.32	252	7165827	40.680	ng	#	94
90) Dibenzo(a,h)anthracene	27.02	278	7471158	40.522	ng	#	90
91) Benzo(g,h,i)perylene	27.79	276	7506751	40.061	ng	#	87

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

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