Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN030618\
Data File : BN000255.D
Acq On : 06 Mar 2018 10:13
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC040

Quant Time: Mar 07 04:23:15 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	8.45	152	211791	20.00	ng		-0.02
21) Naphthalene-d8	11.29	136	1094609	20.00	ng		-0.02
38) Acenaphthene-d10	15.06	164	635749	20.00	ng		-0.02
63) Phenanthrene-d10	17.78	188	1349011	20.00	ng		-0.02
75) Chrysene-d12	21.90	240	1401611	20.00	ng		-0.02
86) Perylene-d12	24.37	264	1520418	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.92	112	1016483	78.22	ng		-0.02
7) Phenol-d6	7.58	99	1570488	79.78	ng		-0.02
23) Nitrobenzene-d5	9.63	82	1514883	82.28	ng		-0.02
41) 2,4,6-Tribromophenol	16.53	330	454912	72.29	ng		-0.02
44) 2-Fluorobiphenyl	13.69	172	3297845	73.11	ng		-0.02
78) Terphenyl-d14	20.34	244	3972219	76.52	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	202988	38.819	ng		97
3) Pyridine	4.09	79	666307	40.935	ng		97
4) n-Nitrosodimethylamine	4.00	42	185867	40.378	ng	#	92
6) Aniline	7.76	93	1079097	39.791	ng		91
8) 2-Chlorophenol	8.00	128	579760	38.150	ng		90
9) Benzaldehyde	7.56	77	544444	44.459	ng		92
10) Phenol	7.60	94	826553	39.778	ng		87
11) bis(2-Chloroethyl)ether	7.85	93	668803	39.134	ng		86
12) 1,3-Dichlorobenzene	8.33	146	632801	36.647	ng		99
13) 1,4-Dichlorobenzene	8.49	146	650554	36.893	ng		97
14) 1,2-Dichlorobenzene	8.81	146	639703	36.853	ng		95
15) Benzyl Alcohol	8.68	79	568194	40.160	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.98	45	732162	40.476	ng		80
17) 2-Methylphenol	8.88	107	589382	39.914	ng		96
18) Hexachloroethane	9.55	117	234919	38.270	ng	#	77
19) n-Nitroso-di-n-propylamine	9.26	70	537805	40.773	ng	#	83
20) 3+4-Methylphenols	9.21	107	823123	39.857	ng		94
22) Acetophenone	9.28	105	1141689	37.221	ng	#	88
24) Nitrobenzene	9.67	77	816533	40.569	ng	#	95
25) Isophorone	10.19	82	1461574	38.405	ng		98
26) 2-Nitrophenol	10.39	139	292070	37.298	ng		92
27) 2,4-Dimethylphenol	10.43	122	597632	36.222	ng		95
28) bis(2-Chloroethoxy)methane	10.67	93	922684	37.803	ng		97
29) 2,4-Dichlorophenol	10.92	162	549981	36.019	ng		97
30) 1,2,4-Trichlorobenzene	11.15	180	619813	35.249	ng		96
31) Naphthalene	11.34	128	2166326	36.099	ng		98
32) Benzoic acid	10.55	122	394416	35.667	ng		92
33) 4-Chloroaniline	11.43	127	971482	36.852	ng		96
34) Hexachlorobutadiene	11.61	225	315815	34.637	ng		97
35) Caprolactam	12.19	113	227608	35.266	ng		98
36) 4-Chloro-3-methylphenol	12.52	107	717893	37.033	ng		99
37) 2-Methylnaphthalene	12.92	142	1497826	35.872	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	669917	35.700	ng	#	96
40) Hexachlorocyclopentadiene	13.25	237	300164	38.373	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.50	196	417697	37.139	ng		98
43) 2,4,5-Trichlorophenol	13.57	196	498709	36.886	ng	#	91
45) 1,1'-Biphenyl	13.90	154	2031180	36.276	ng		96
46) 2-Chloronaphthalene	13.95	162	1513645	36.028	ng		97
47) 2-Nitroaniline	14.14	65	462876	38.624	ng		90
48) Acenaphthylene	14.79	152	2504233	36.997	ng		98
49) Dimethylphthalate	14.50	163	1925330	36.228	ng		99
50) 2,6-Dinitrotoluene	14.63	165	401978	36.640	ng		93
51) Acenaphthene	15.13	154	1588073	36.043	ng		99
52) 3-Nitroaniline	14.95	138	485533	36.407	ng	#	96
53) 2,4-Dinitrophenol	15.15	184	132886	39.439	ng	#	1
54) Dibenzofuran	15.45	168	2216256	35.517	ng		95
55) 4-Nitrophenol	15.23	139	347355	34.783	ng	#	86
56) 2,4-Dinitrotoluene	15.40	165	546931	35.971	ng	#	96
57) Fluorene	16.09	166	1830959	35.936	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.67	232	383953	35.983	ng	#	83
59) Diethylphthalate	15.85	149	1968758	36.454	ng		97
60) 4-Chlorophenyl-phenylether	16.08	204	819927	35.313	ng		93
61) 4-Nitroaniline	16.10	138	506323	36.950	ng		92
62) Azobenzene	16.37	77	2123750	39.504	ng		89
64) 4,6-Dinitro-2-methylphenol	16.16	198	233879	38.681	ng		90
65) n-Nitrosodiphenylamine	16.29	169	1607660	36.625	ng		98
66) 4-Bromophenyl-phenylether	16.97	248	454235	35.408	ng	#	88
67) Hexachlorobenzene	17.09	284	515248	34.393	ng	#	87
68) Atrazine	17.22	200	472893	33.102	ng		96
69) Pentachlorophenol	17.42	266	320992	34.681	ng		98
70) Phenanthrene	17.82	178	2862688	35.925	ng		100
71) Anthracene	17.91	178	2880869	37.338	ng		99
72) Carbazole	18.17	167	2875506	36.993	ng		97
73) Di-n-butylphthalate	18.70	149	3265303	38.053	ng		99
74) Fluoranthene	19.80	202	3126704	37.402	ng		93
76) Benzidine	19.97	184	3039519	68.029	ng		97
77) Pyrene	20.16	202	3345743	37.558	ng		98
79) Butylbenzylphthalate	21.00	149	1477900	36.431	ng	#	92
80) Benzo(a)anthracene	21.88	228	3200969	37.156	ng		98
81) 3,3'-Dichlorobenzidine	21.80	252	1135832	35.896	ng	#	98
82) Chrysene	21.93	228	3109231	36.216	ng		99
83) Bis(2-ethylhexyl)phthalate	21.76	149	2276882	37.014	ng	#	94
84) Di-n-octyl phthalate	22.72	149	3635146	35.848	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.94	276	3801192	36.044	ng	#	86
87) Benzo(b)fluoranthene	23.62	252	3208774	36.056	ng	#	95
88) Benzo(k)fluoranthene	23.67	252	3324545	37.091	ng	#	96
89) Benzo(a)pyrene	24.26	252	3140323	36.796	ng	#	94
90) Dibenzo(a,h)anthracene	26.94	278	3165012	35.463	ng	#	90
91) Benzo(g,h,i)perylene	27.72	276	3171499	35.142	ng	#	87

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

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