Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
Data File : BN003470.D
Acq On : 09 Nov 2018 14:05
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC040

Quant Time: Nov 12 03:03:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 07 08:25:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	113379	20.00	ng		0.00
21) Naphthalene-d8	10.65	136	519278	20.00	ng		0.00
39) Acenaphthene-d10	14.49	164	306272	20.00	ng		0.00
64) Phenanthrene-d10	17.23	188	684313	20.00	ng		0.00
76) Chrysene-d12	21.41	240	578446	20.00	ng		0.00
87) Perylene-d12	23.72	264	521385	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	506400	77.79	ng		0.00
7) Phenol-d6	7.00	99	704548	76.12	ng		0.00
23) Nitrobenzene-d5	9.02	82	663990	73.33	ng		0.00
42) 2,4,6-Tribromophenol	15.97	330	380065	92.16	ng		0.00
45) 2-Fluorobiphenyl	13.11	172	1807086	80.03	ng		0.00
79) Terphenyl-d14	19.85	244	2668937	98.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	111894	36.203	ng		92
3) Pyridine	3.73	79	284975	40.349	ng		92
4) n-Nitrosodimethylamine	3.65	42	88529	34.045	ng		90
6) Aniline	7.18	93	442604	38.292	ng		97
8) 2-Chlorophenol	7.41	128	320445	39.967	ng		94
9) Benzaldehyde	7.00	77	188208	35.011	ng		96
10) Phenol	7.03	94	375526	38.445	ng		94
11) bis(2-Chloroethyl)ether	7.28	93	299624	37.555	ng		94
12) 1,3-Dichlorobenzene	7.73	146	354804	39.802	ng		97
13) 1,4-Dichlorobenzene	7.89	146	363547	39.607	ng		97
14) 1,2-Dichlorobenzene	8.20	146	351488	39.456	ng		99
15) Benzyl Alcohol	8.09	79	262888	39.412	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.38	45	381737	32.635	ng		97
17) 2-Methylphenol	8.28	107	261205	39.128	ng		97
18) Hexachloroethane	8.92	117	120860	37.586	ng		94
19) n-Nitroso-di-n-propylamine	8.66	70	236834	35.483	ng		95
20) 3+4-Methylphenols	8.61	107	365731	38.568	ng		98
22) Acetophenone	8.68	105	478092	37.983	ng		97
24) Nitrobenzene	9.06	77	340319	36.832	ng		93
25) Isophorone	9.58	82	577451	36.357	ng		96
26) 2-Nitrophenol	9.76	139	193371	39.762	ng		93
27) 2,4-Dimethylphenol	9.81	122	273558	40.006	ng		98
28) bis(2-Chloroethoxy)methane	10.06	93	398674	37.259	ng		98
29) 2,4-Dichlorophenol	10.29	162	330122	42.307	ng		98
30) 1,2,4-Trichlorobenzene	10.50	180	367196	41.394	ng		100
31) Naphthalene	10.70	128	1000416	39.424	ng		99
32) Benzoic acid	9.96	122	234110	40.853	ng		95
33) 4-Chloroaniline	10.81	127	461543	41.163	ng		96
34) Hexachlorobutadiene	10.96	225	221936	41.925	ng		99
35) Caprolactam	11.62	113	118250	38.703	ng	#	83
36) 4-Chloro-3-methylphenol	11.93	107	342344	39.337	ng		94
37) 2-Methylnaphthalene	12.30	142	721152	39.768	ng		100
38) 1-Methylnaphthalene	12.53	142	698344	39.429	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.67	216	441324	43.558	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	193812	48.120	ng		100
43) 2,4,6-Trichlorophenol	12.91	196	281728	44.010	ng		98
44) 2,4,5-Trichlorophenol	12.98	196	299308	44.826	ng		98
46) 1,1'-Biphenyl	13.32	154	1084933	40.361	ng		99
47) 2-Chloronaphthalene	13.36	162	812203	40.963	ng		99
48) 2-Nitroaniline	13.57	65	207839	35.675	ng		89
49) Acenaphthylene	14.21	152	1219376	40.178	ng		99
50) Dimethylphthalate	13.95	163	968224	39.098	ng		99
51) 2,6-Dinitrotoluene	14.07	165	225203	40.067	ng		95
52) Acenaphthene	14.55	154	729051	39.647	ng		99
53) 3-Nitroaniline	14.40	138	243516	40.529	ng		94
54) 2,4-Dinitrophenol	14.60	184	125835	42.232	ng		91
55) Dibenzofuran	14.89	168	1195195	39.951	ng		100
56) 4-Nitrophenol	14.69	139	188861	46.074	ng		94
57) 2,4-Dinitrotoluene	14.86	165	308497	40.480	ng	#	76
58) Fluorene	15.53	166	899065	38.945	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.10	232	269345	45.937	ng		97
60) Diethylphthalate	15.30	149	975937	38.836	ng		100
61) 4-Chlorophenyl-phenylether	15.53	204	523939	40.850	ng		98
62) 4-Nitroaniline	15.57	138	249140	42.443	ng		97
63) Azobenzene	15.82	77	832935	35.865	ng		93
65) 4,6-Dinitro-2-methylphenol	15.62	198	170756	35.762	ng		92
66) n-Nitrosodiphenylamine	15.75	169	864057	40.334	ng		99
67) 4-Bromophenyl-phenylether	16.42	248	340880	44.230	ng		94
68) Hexachlorobenzene	16.53	284	397590	45.284	ng		96
69) Atrazine	16.69	200	283963	37.403	ng		97
70) Pentachlorophenol	16.87	266	259668	60.301	ng		99
71) Phenanthrene	17.27	178	1414766	39.325	ng		98
72) Anthracene	17.36	178	1415148	39.420	ng		98
73) Carbazole	17.63	167	1407742	37.866	ng		99
74) Di-n-butylphthalate	18.18	149	1635601	37.716	ng		99
75) Fluoranthene	19.29	202	1563880	36.898	ng		99
77) Benzidine	19.47	184	623610	36.825	ng		99
78) Pyrene	19.65	202	1582912	46.560	ng		98
80) Butylbenzylphthalate	20.54	149	685351	43.415	ng		92
81) Benzo(a)anthracene	21.39	228	1320537	39.201	ng		98
82) 3,3'-Dichlorobenzidine	21.33	252	540983	38.807	ng		99
83) Chrysene	21.45	228	1264117	39.037	ng		98
84) Bis(2-ethylhexyl)phthalate	21.30	149	988529	42.226	ng	#	97
85) Di-n-octyl phthalate	22.20	149	1477287	36.774	ng		98
86) Indeno(1,2,3-cd)pyrene	26.09	276	1328117	35.787	ng		99
88) Benzo(b)fluoranthene	23.02	252	1193593	41.578	ng		100
89) Benzo(k)fluoranthene	23.07	252	1154802	41.015	ng		99
90) Benzo(a)pyrene	23.62	252	1102978	40.314	ng		99
91) Dibenzo(a,h)anthracene	26.10	278	1124370	41.520	ng		98
92) Benzo(g,h,i)perylene	26.82	276	1078063	41.468	ng		99

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

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