Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040419\
Data File : BN005095.D
Acq On : 04 Apr 2019 16:19
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC040

Quant Time: Apr 05 03:03:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	9051	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	40552	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	22920	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	49883	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	48753	20.00	ng	-0.02
87) Perylene-d12	23.48	264	49060	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	43723	83.52	ng	-0.03
7) Phenol-d6	6.83	99	59466	85.64	ng	-0.03
23) Nitrobenzene-d5	8.82	82	56893	84.87	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	34902	94.42	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	157274	90.93	ng	-0.02
79) Terphenyl-d14	19.69	244	225139	88.91	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	7378	38.673	ng	100
3) Pyridine	3.57	79	22532	42.263	ng	98
4) n-Nitrosodimethylamine	3.50	42	7198	41.414	ng	100
6) Aniline	6.99	93	37415	42.315	ng	100
8) 2-Chlorophenol	7.22	128	28848	43.409	ng	99
9) Benzaldehyde	6.80	77	16379	41.050	ng	99
10) Phenol	6.86	94	31771	42.701	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	24896	43.270	ng	99
12) 1,3-Dichlorobenzene	7.54	146	31232	43.134	ng	99
13) 1,4-Dichlorobenzene	7.69	146	31620	43.143	ng	99
14) 1,2-Dichlorobenzene	8.00	146	30647	43.693	ng	99
15) Benzyl Alcohol	7.90	79	22563	42.712	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.18	45	28410	40.926	ng	99
17) 2-Methylphenol	8.09	107	22712	43.787	ng	99
18) Hexachloroethane	8.71	117	11048	42.529	ng	100
19) n-Nitroso-di-n-propylamine	8.46	70	19681	43.237	ng	98
20) 3+4-Methylphenols	8.43	107	30726	43.628	ng	99
22) Acetophenone	8.48	105	40306	43.541	ng	98
24) Nitrobenzene	8.86	77	28588	42.138	ng	98
25) Isophorone	9.38	82	54574	41.788	ng	100
26) 2-Nitrophenol	9.56	139	17190	43.637	ng	97
27) 2,4-Dimethylphenol	9.62	122	23623	43.072	ng	100
28) bis(2-Chloroethoxy)methane	9.86	93	34737	42.930	ng	99
29) 2,4-Dichlorophenol	10.09	162	28053	44.504	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	31543	45.427	ng	99
31) Naphthalene	10.49	128	92044	43.504	ng	100
32) Benzoic acid	9.80	122	14884	35.341	ng	98
33) 4-Chloroaniline	10.61	127	37846	43.965	ng	99
34) Hexachlorobutadiene	10.75	225	20256	45.085	ng	99
35) Caprolactam	11.41	113	8839	42.825	ng	97
36) 4-Chloro-3-methylphenol	11.74	107	29367	43.127	ng	98
37) 2-Methylnaphthalene	12.10	142	65761	44.016	ng	99
38) 1-Methylnaphthalene	12.33	142	63712	43.581	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	37282	45.860	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	26167	58.178	ng	100
43) 2,4,6-Trichlorophenol	12.73	196	22268	44.144	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	24107	43.867	ng	100
46) 1,1'-Biphenyl	13.13	154	87367	45.038	ng	99
47) 2-Chloronaphthalene	13.17	162	67100	45.075	ng	99
48) 2-Nitroaniline	13.40	65	16776	42.335	ng	95
49) Acenaphthylene	14.02	152	109301	43.655	ng	100
50) Dimethylphthalate	13.77	163	84222	44.726	ng	99
51) 2,6-Dinitrotoluene	13.90	165	19155	44.704	ng	97
52) Acenaphthene	14.37	154	62292	44.227	ng	99
53) 3-Nitroaniline	14.23	138	19038	43.472	ng	95
54) 2,4-Dinitrophenol	14.44	184	16935	67.504	ng	97
55) Dibenzofuran	14.70	168	99442	44.370	ng	100
56) 4-Nitrophenol	14.55	139	16025	46.449	ng	99
57) 2,4-Dinitrotoluene	14.69	165	25916	44.505	ng	99
58) Fluorene	15.36	166	80113	44.250	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	22559	44.274	ng	98
60) Diethylphthalate	15.13	149	83645	44.515	ng	99
61) 4-Chlorophenyl-phenylether	15.35	204	42499	45.503	ng	96
62) 4-Nitroaniline	15.40	138	18688	42.471	ng	98
63) Azobenzene	15.65	77	66178	42.308	ng	97
65) 4,6-Dinitro-2-methylphenol	15.45	198	12271	37.344	ng	99
66) n-Nitrosodiphenylamine	15.57	169	69804	44.425	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	28817	46.293	ng	98
68) Hexachlorobenzene	16.35	284	34162	46.843	ng	98
69) Atrazine	16.52	200	22524	40.123	ng	99
70) Pentachlorophenol	16.70	266	16543	43.143	ng	100
71) Phenanthrene	17.10	178	121782	43.449	ng	99
72) Anthracene	17.19	178	122496	43.908	ng	99
73) Carbazole	17.46	167	109712	43.204	ng	99
74) Di-n-butylphthalate	18.02	149	137869	44.568	ng	100
75) Fluoranthene	19.12	202	137822	43.102	ng	99
77) Benzidine	19.32	184	76310	50.225	ng	100
78) Pyrene	19.49	202	138404	42.516	ng	99
80) Butylbenzylphthalate	20.39	149	56794	42.936	ng	96
81) Benzo(a)anthracene	21.24	228	129752	42.726	ng	99
82) 3,3'-Dichlorobenzidine	21.17	252	50060	44.082	ng	99
83) Chrysene	21.29	228	125079	43.121	ng	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	83307	45.519	ng	100
85) Di-n-octyl phthalate	22.03	149	136907	46.353	ng	98
86) Indeno(1,2,3-cd)pyrene	25.73	276	152604	46.308	ng	99
88) Benzo(b)fluoranthene	22.82	252	129790	42.980	ng	98
89) Benzo(k)fluoranthene	22.86	252	122686	44.304	ng	99
90) Benzo(a)pyrene	23.39	252	119172	43.125	ng	100
91) Dibenzo(a,h)anthracene	25.74	278	126138	45.467	ng	99
92) Benzo(g,h,i)perylene	26.42	276	122291	44.573	ng	99

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

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