Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
Data File : BF115740.D
Acq On : 24 Jul 2019 8:53
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 24 16:41:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 16:36:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	167340	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	723666	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	374516	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	731740	20.00	ng	0.00
76) Chrysene-d12	14.04	240	496818	20.00	ng	0.00
87) Perylene-d12	15.52	264	473859	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	800204	78.22	ng	0.00
7) Phenol-d6	6.51	99	1026268	79.06	ng	0.00
23) Nitrobenzene-d5	7.44	82	960659	77.19	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	327550	74.93	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1691557	79.05	ng	0.00
79) Terphenyl-d14	12.98	244	1966423	73.03	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	190475	37.325	ng	100
3) Pyridine	3.42	79	523217	37.790	ng	100
4) n-Nitrosodimethylamine	3.36	42	207466	41.305	ng	100
6) Aniline	6.54	93	712792	39.457	ng	100
8) 2-Chlorophenol	6.66	128	468091	39.796	ng	100
9) Benzaldehyde	6.42	77	317893	39.188	ng	100
10) Phenol	6.52	94	595195	39.497	ng	100
11) bis(2-Chloroethyl)ether	6.61	93	456627	39.800	ng	100
12) 1,3-Dichlorobenzene	6.82	146	510081	38.571	ng	100
13) 1,4-Dichlorobenzene	6.89	146	513485	38.916	ng	100
14) 1,2-Dichlorobenzene	7.05	146	482293	39.986	ng	100
15) Benzyl Alcohol	7.02	79	407029	39.526	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	633722	41.955	ng	100
17) 2-Methylphenol	7.13	107	395958	39.063	ng	100
18) Hexachloroethane	7.39	117	193640	39.539	ng	100
19) n-Nitroso-di-n-propylamine	7.29	70	337502	39.865	ng	100
20) 3+4-Methylphenols	7.28	107	465049	38.625	ng	100
22) Acetophenone	7.29	105	621647	38.024	ng	100
24) Nitrobenzene	7.46	77	526619	39.231	ng	100
25) Isophorone	7.70	82	966334	38.803	ng	100
26) 2-Nitrophenol	7.77	139	264701	38.311	ng	100
27) 2,4-Dimethylphenol	7.81	122	380588	36.814	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	604595	39.573	ng	100
29) 2,4-Dichlorophenol	8.02	162	415922	38.685	ng	100
30) 1,2,4-Trichlorobenzene	8.10	180	458225	37.704	ng	100
31) Naphthalene	8.18	128	1353575	38.621	ng	100
32) Benzoic acid	7.94	122	278381	32.812	ng	100
33) 4-Chloroaniline	8.22	127	606437	39.064	ng	100
34) Hexachlorobutadiene	8.30	225	269353	38.648	ng	100
35) Caprolactam	8.60	113	131644	39.624	ng	100
36) 4-Chloro-3-methylphenol	8.71	107	438026	39.276	ng	100
37) 2-Methylnaphthalene	8.87	142	911345	39.228	ng	100
38) 1-Methylnaphthalene	8.97	142	872207	39.526	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	419289	37.178	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	273923	42.578	ng	100
43) 2,4,6-Trichlorophenol	9.15	196	293924	35.638	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	313171	37.078	ng	100
46) 1,1'-Biphenyl	9.33	154	1118441	38.199	ng	100
47) 2-Chloronaphthalene	9.36	162	921686	37.806	ng	100
48) 2-Nitroaniline	9.45	65	298912	39.613	ng	100
49) Acenaphthylene	9.77	152	1388340	38.432	ng	100
50) Dimethylphthalate	9.63	163	1104158	39.186	ng	100
51) 2,6-Dinitrotoluene	9.70	165	244555	38.191	ng	100
52) Acenaphthene	9.95	154	841612	36.086	ng	100
53) 3-Nitroaniline	9.86	138	281624	38.486	ng	100
54) 2,4-Dinitrophenol	9.97	184	109217	33.220	ng	100
55) Dibenzofuran	10.12	168	1234180	37.263	ng	100
56) 4-Nitrophenol	10.03	139	195842	35.097	ng	100
57) 2,4-Dinitrotoluene	10.10	165	326817	39.394	ng	100
58) Fluorene	10.46	166	928835	39.229	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	268711	38.057	ng	100
60) Diethylphthalate	10.33	149	1076334	40.769	ng	100
61) 4-Chlorophenyl-phenylether	10.45	204	487796	37.150	ng	100
62) 4-Nitroaniline	10.48	138	280003	39.891	ng	100
63) Azobenzene	10.61	77	1058078	41.318	ng	100
65) 4,6-Dinitro-2-methylphenol	10.52	198	152267	34.059	ng	100
66) n-Nitrosodiphenylamine	10.57	169	867858	38.128	ng	100
67) 4-Bromophenyl-phenylether	10.94	248	318878	38.134	ng	100
68) Hexachlorobenzene	11.02	284	355041	37.179	ng	100
69) Atrazine	11.10	200	259955	34.813	ng	100
70) Pentachlorophenol	11.20	266	187145	32.042	ng	100
71) Phenanthrene	11.42	178	1416080	37.754	ng	100
72) Anthracene	11.47	178	1449227	37.386	ng	100
73) Carbazole	11.63	167	1305737	38.412	ng	100
74) Di-n-butylphthalate	11.96	149	1689875	40.359	ng	100
75) Fluoranthene	12.62	202	1482837	37.411	ng	100
77) Benzidine	12.73	184	625837	35.559	ng	100
78) Pyrene	12.84	202	1510577	35.887	ng	100
80) Butylbenzylphthalate	13.45	149	718479	40.041	ng	100
81) Benzo(a)anthracene	14.03	228	1257663	38.425	ng	100
82) 3,3'-Dichlorobenzidine	13.99	252	455441	39.142	ng	100
83) Chrysene	14.07	228	1212131	36.891	ng	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	975412	43.885	ng	100
85) Di-n-octyl phthalate	14.63	149	1530661	43.282	ng	100
86) Indeno(1,2,3-cd)pyrene	17.00	276	1068420	38.275	ng	100
88) Benzo(b)fluoranthene	15.09	252	1089635	35.711	ng	100
89) Benzo(k)fluoranthene	15.12	252	1063069	39.078	ng	100
90) Benzo(a)pyrene	15.46	252	975037	37.179	ng	100
91) Dibenzo(a,h)anthracene	17.02	278	892036	38.745	ng	100
92) Benzo(g,h,i)perylene	17.44	276	833768	36.311	ng	100

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

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