Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
Data File : BF114790.D
Acq On : 4 Jun 2019 12:21
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Jun 04 13:12:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 13:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	436327	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1768688	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	882936	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1647752	20.00	ng	0.00
76) Chrysene-d12	13.79	240	902021	20.00	ng	0.00
87) Perylene-d12	15.17	264	1127724	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1997502	86.57	ng	0.00
7) Phenol-d6	6.30	99	2465951	88.33	ng	0.00
23) Nitrobenzene-d5	7.23	82	2350462	84.82	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	778185	87.09	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4062744	82.93	ng	0.00
79) Terphenyl-d14	12.75	244	3778380	77.74	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.30	88	476555	42.643	ng	100
3) Pyridine	2.97	79	1314634	42.087	ng	100
4) n-Nitrosodimethylamine	2.92	42	477392	40.912	ng	100
6) Aniline	6.33	93	1760880	42.392	ng	100
8) 2-Chlorophenol	6.45	128	1190989	42.769	ng	100
9) Benzaldehyde	6.21	77	860374	51.399	ng	100
10) Phenol	6.32	94	1394792	42.087	ng	100
11) bis(2-Chloroethyl)ether	6.41	93	1119222	42.878	ng	100
12) 1,3-Dichlorobenzene	6.61	146	1376343	42.741	ng	100
13) 1,4-Dichlorobenzene	6.69	146	1394237	42.980	ng	100
14) 1,2-Dichlorobenzene	6.84	146	1280506	43.726	ng	100
15) Benzyl Alcohol	6.81	79	961651	43.545	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1616466	42.864	ng	100
17) 2-Methylphenol	6.93	107	1011213	42.683	ng	100
18) Hexachloroethane	7.18	117	524729	42.950	ng	100
19) n-Nitroso-di-n-propylamine	7.09	70	826988	42.673	ng	100
20) 3+4-Methylphenols	7.09	107	1104227	42.155	ng	100
22) Acetophenone	7.08	105	1567968	41.853	ng	100
24) Nitrobenzene	7.25	77	1224446	42.573	ng	100
25) Isophorone	7.50	82	2306725	41.747	ng	100
26) 2-Nitrophenol	7.57	139	671126	43.120	ng	100
27) 2,4-Dimethylphenol	7.61	122	1007393	42.246	ng	100
28) bis(2-Chloroethoxy)methane	7.71	93	1493784	42.099	ng	100
29) 2,4-Dichlorophenol	7.81	162	1067724	42.490	ng	100
30) 1,2,4-Trichlorobenzene	7.89	180	1225668	42.664	ng	100
31) Naphthalene	7.97	128	3244121	42.191	ng	100
32) Benzoic acid	7.75	122	802571	47.227	ng	100
33) 4-Chloroaniline	8.02	127	1556700	41.681	ng	100
34) Hexachlorobutadiene	8.10	225	704293	43.062	ng	100
35) Caprolactam	8.40	113	334133	41.335	ng	100
36) 4-Chloro-3-methylphenol	8.50	107	1037457	41.801	ng	100
37) 2-Methylnaphthalene	8.66	142	2274777	42.481	ng	100
38) 1-Methylnaphthalene	8.76	142	2150957	42.382	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1050312	42.719	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	641148	41.839	ng	100
43) 2,4,6-Trichlorophenol	8.94	196	801180	41.740	ng	100
44) 2,4,5-Trichlorophenol	8.97	196	815138	42.796	ng	100
46) 1,1'-Biphenyl	9.13	154	2679525	42.471	ng	100
47) 2-Chloronaphthalene	9.15	162	2300588	43.104	ng	100
48) 2-Nitroaniline	9.24	65	664918	41.340	ng	100
49) Acenaphthylene	9.56	152	3270810	41.985	ng	100
50) Dimethylphthalate	9.43	163	2601398	41.520	ng	100
51) 2,6-Dinitrotoluene	9.49	165	620123	42.663	ng	100
52) Acenaphthene	9.73	154	2143446	42.325	ng	100
53) 3-Nitroaniline	9.65	138	709705	40.984	ng	100
54) 2,4-Dinitrophenol	9.75	184	284260	41.421	ng	100
55) Dibenzofuran	9.90	168	2876874	42.392	ng	100
56) 4-Nitrophenol	9.80	139	523035	41.777	ng	100
57) 2,4-Dinitrotoluene	9.89	165	796012	43.263	ng	100
58) Fluorene	10.25	166	2007856	41.247	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	673795	43.348	ng	100
60) Diethylphthalate	10.13	149	2630438	41.957	ng	100
61) 4-Chlorophenyl-phenylether	10.24	204	1048176	41.787	ng	100
62) 4-Nitroaniline	10.26	138	698085	41.691	ng	100
63) Azobenzene	10.40	77	2245653	41.750	ng	100
65) 4,6-Dinitro-2-methylphenol	10.29	198	354316	41.570	ng	100
66) n-Nitrosodiphenylamine	10.36	169	2046816	42.276	ng	100
67) 4-Bromophenyl-phenylether	10.72	248	778998	42.801	ng	100
68) Hexachlorobenzene	10.79	284	843124	42.367	ng	100
69) Atrazine	10.89	200	716949	49.872	ng	100
70) Pentachlorophenol	10.98	266	493000	43.410	ng	100
71) Phenanthrene	11.20	178	3155450	41.257	ng	100
72) Anthracene	11.25	178	3245745	42.298	ng	100
73) Carbazole	11.40	167	2848174	41.011	ng	100
74) Di-n-butylphthalate	11.74	149	3682215	41.590	ng	100
75) Fluoranthene	12.37	202	3112083	40.469	ng	100
77) Benzidine	12.49	184	1826406	51.215	ng	100
78) Pyrene	12.60	202	3217491	42.740	ng	100
80) Butylbenzylphthalate	13.23	149	1607039	41.523	ng	100
81) Benzo(a)anthracene	13.78	228	2834647	42.100	ng	100
82) 3,3'-Dichlorobenzidine	13.74	252	1153863	43.207	ng	100
83) Chrysene	13.82	228	2697201	41.536	ng	100
84) Bis(2-ethylhexyl)phthalate	13.79	149	2098481	43.269	ng	100
85) Di-n-octyl phthalate	14.40	149	3494405	42.418	ng	100
86) Indeno(1,2,3-cd)pyrene	16.49	276	2970391	38.918	ng	100
88) Benzo(b)fluoranthene	14.79	252	2760337	40.315	ng	100
89) Benzo(k)fluoranthene	14.82	252	2651290	46.214	ng	100
90) Benzo(a)pyrene	15.12	252	2574664	42.722	ng	100
91) Dibenzo(a,h)anthracene	16.50	278	2414739	42.214	ng	100
92) Benzo(g,h,i)perylene	16.88	276	2391477	41.347	ng	100

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

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