Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
Data File : BF117147.D
Acq On : 18 Sep 2019 15:28
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Sep 18 16:23:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	74053	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	304528	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	153097	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	237121	20.00	ng	0.00
76) Chrysene-d12	13.97	240	137068	20.00	ng	0.00
87) Perylene-d12	15.42	264	124170	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	359500	75.79	ng	0.00
7) Phenol-d6	6.46	99	463923	75.68	ng	0.00
23) Nitrobenzene-d5	7.39	82	447442	77.20	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	97114	75.90	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	769271	78.57	ng	0.00
79) Terphenyl-d14	12.91	244	636042	86.74	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.56	88	72553	36.555	ng	97
3) Pyridine	3.30	79	198430	36.526	ng	98
4) n-Nitrosodimethylamine	3.25	42	64255	34.466	ng	95
6) Aniline	6.49	93	291529	36.938	ng	95
8) 2-Chlorophenol	6.61	128	195281	38.163	ng	98
9) Benzaldehyde	6.37	77	130483	43.405	ng	97
10) Phenol	6.47	94	253004	37.439	ng	98
11) bis(2-Chloroethyl)ether	6.56	93	183759	36.998	ng	97
12) 1,3-Dichlorobenzene	6.76	146	217675	37.910	ng	99
13) 1,4-Dichlorobenzene	6.84	146	222821	38.026	ng	99
14) 1,2-Dichlorobenzene	7.00	146	212410	38.934	ng	98
15) Benzyl Alcohol	6.97	79	176089	37.460	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	184268	37.552	ng	93
17) 2-Methylphenol	7.08	107	160279	37.374	ng	95
18) Hexachloroethane	7.33	117	86693	38.458	ng	96
19) n-Nitroso-di-n-propylamine	7.24	70	143178	38.358	ng	98
20) 3+4-Methylphenols	7.23	107	205676	38.503	ng	95
22) Acetophenone	7.23	105	294148	38.018	ng	99
24) Nitrobenzene	7.40	77	219107	38.281	ng	99
25) Isophorone	7.65	82	381323	37.159	ng	99
26) 2-Nitrophenol	7.72	139	97769	39.768	ng	99
27) 2,4-Dimethylphenol	7.76	122	147019	37.710	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	241102	38.134	ng	100
29) 2,4-Dichlorophenol	7.96	162	159634	39.077	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	169973	38.513	ng	98
31) Naphthalene	8.13	128	555660	37.940	ng	99
32) Benzoic acid	7.89	122	85994	31.793	ng	96
33) 4-Chloroaniline	8.17	127	247441	38.092	ng	98
34) Hexachlorobutadiene	8.25	225	97037	38.754	ng	97
35) Caprolactam	8.55	113	48098	34.785	ng	93
36) 4-Chloro-3-methylphenol	8.66	107	179705	37.727	ng	98
37) 2-Methylnaphthalene	8.82	142	373224	37.843	ng	99
38) 1-Methylnaphthalene	8.91	142	353031	38.219	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	156248	39.523	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	53385	35.400 ng	99
43) 2,4,6-Trichlorophenol	9.09	196	101344	37.774 ng	99
44) 2,4,5-Trichlorophenol	9.14	196	102786	35.859 ng	97
46) 1,1'-Biphenyl	9.27	154	467851	38.959 ng	99
47) 2-Chloronaphthalene	9.30	162	363267	38.329 ng	98
48) 2-Nitroaniline	9.40	65	115079	37.856 ng	95
49) Acenaphthylene	9.72	152	541079	38.110 ng	99
50) Dimethylphthalate	9.57	163	400819	36.976 ng	100
51) 2,6-Dinitrotoluene	9.64	165	86489	39.175 ng	97
52) Acenaphthene	9.89	154	313854	37.291 ng	99
53) 3-Nitroaniline	9.81	138	103076	37.004 ng	99
54) 2,4-Dinitrophenol	9.92	184	26556	33.832 ng	94
55) Dibenzofuran	10.06	168	473586	38.138 ng	98
56) 4-Nitrophenol	9.97	139	65423	36.239 ng	98
57) 2,4-Dinitrotoluene	10.05	165	111211	38.806 ng	96
58) Fluorene	10.40	166	378787	37.868 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	85112	38.802 ng	97
60) Diethylphthalate	10.27	149	401275	37.627 ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	168186	38.861 ng	95
62) 4-Nitroaniline	10.42	138	101825	35.151 ng	97
63) Azobenzene	10.55	77	404182	37.107 ng	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	39187	37.957 ng	99
66) n-Nitrosodiphenylamine	10.50	169	321071	39.207 ng	100
67) 4-Bromophenyl-phenylether	10.87	248	97401	40.222 ng	96
68) Hexachlorobenzene	10.95	284	104050	39.285 ng	97
69) Atrazine	11.03	200	79737	37.386 ng	98
70) Pentachlorophenol	11.15	266	35804	28.839 ng	97
71) Phenanthrene	11.36	178	514923	38.232 ng	99
72) Anthracene	11.41	178	523164	38.048 ng	99
73) Carbazole	11.56	167	477498	36.585 ng	99
74) Di-n-butylphthalate	11.89	149	596860	38.436 ng	99
75) Fluoranthene	12.55	202	485648	35.093 ng	98
77) Benzidine	12.66	184	162242	36.745 ng	99
78) Pyrene	12.77	202	487074	42.350 ng	99
80) Butylbenzylphthalate	13.38	149	219270	40.348 ng	96
81) Benzo(a)anthracene	13.96	228	338167	36.927 ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	109642	37.154 ng	96
83) Chrysene	13.99	228	334109	37.407 ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	277412	39.591 ng	99
85) Di-n-octyl phthalate	14.55	149	431149	39.094 ng	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	294517	45.197 ng	98
88) Benzo(b)fluoranthene	15.00	252	253144	33.656 ng	100
89) Benzo(k)fluoranthene	15.03	252	282521	39.653 ng	99
90) Benzo(a)pyrene	15.36	252	250401	37.938 ng	100
91) Dibenzo(a,h)anthracene	16.86	278	244393	46.481 ng	97
92) Benzo(g,h,i)perylene	17.30	276	236514	45.141 ng	97

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

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