Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112114.D
Acq On : 18 Jan 2019 9:12
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 18 12:05:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 18:22:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	394467	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1488427	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	734044	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1386848	20.00	ng		0.00
76) Chrysene-d12	14.03	240	1092309	20.00	ng		0.00
87) Perylene-d12	15.50	264	937561	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1626582	74.84	ng		0.00
7) Phenol-d6	6.50	99	2040366	75.04	ng		0.00
23) Nitrobenzene-d5	7.43	82	1880716	87.30	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	654451	82.65	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	3438297	68.67	ng		0.00
79) Terphenyl-d14	12.97	244	3685863	71.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	374250	36.717	ng		99
3) Pyridine	3.39	79	985666	38.610	ng		99
4) n-Nitrosodimethylamine	3.35	42	391987	37.817	ng		98
6) Aniline	6.52	93	1252073	37.859	ng	#	63
8) 2-Chlorophenol	6.65	128	979811	38.818	ng		97
9) Benzaldehyde	6.40	77	527848	34.192	ng		99
10) Phenol	6.52	94	1108830	37.312	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	912238	38.607	ng		98
12) 1,3-Dichlorobenzene	6.80	146	1108675	38.488	ng		98
13) 1,4-Dichlorobenzene	6.87	146	1129826	38.345	ng		99
14) 1,2-Dichlorobenzene	7.03	146	1033560	38.081	ng		99
15) Benzyl Alcohol	7.00	79	799397	39.459	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1265400	37.136	ng		94
17) 2-Methylphenol	7.12	107	745756	39.342	ng		97
18) Hexachloroethane	7.37	117	395688	40.236	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	636682	38.435	ng		99
20) 3+4-Methylphenols	7.27	107	889684	38.710	ng	#	86
22) Acetophenone	7.27	105	1278751	37.084	ng		99
24) Nitrobenzene	7.45	77	975944	42.744	ng		96
25) Isophorone	7.68	82	1589752	38.204	ng		99
26) 2-Nitrophenol	7.76	139	522208	44.940	ng		97
27) 2,4-Dimethylphenol	7.80	122	753233	38.996	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	1093201	38.299	ng		99
29) 2,4-Dichlorophenol	8.00	162	839182	39.771	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	948915	38.751	ng		99
31) Naphthalene	8.16	128	2544005	37.579	ng		99
32) Benzoic acid	7.93	122	349641	41.793	ng		98
33) 4-Chloroaniline	8.21	127	1164235	38.266	ng		98
34) Hexachlorobutadiene	8.28	225	532765	39.096	ng		99
35) Caprolactam	8.59	113	289797	39.241	ng		94
36) 4-Chloro-3-methylphenol	8.70	107	806448	39.131	ng		98
37) 2-Methylnaphthalene	8.86	142	1743913	37.935	ng		99
38) 1-Methylnaphthalene	8.96	142	1664345	37.672	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	918580	38.971	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	327306	39.198	ng		99
43) 2,4,6-Trichlorophenol	9.14	196	595665	42.243	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	626282	41.702	ng		98
46) 1,1'-Biphenyl	9.32	154	2293703	37.370	ng		98
47) 2-Chloronaphthalene	9.35	162	1830303	38.096	ng		98
48) 2-Nitroaniline	9.44	65	501749	46.364	ng		91
49) Acenaphthylene	9.76	152	2640606	37.663	ng		99
50) Dimethylphthalate	9.62	163	2060960	38.499	ng		99
51) 2,6-Dinitrotoluene	9.68	165	475820	44.508	ng	#	88
52) Acenaphthene	9.93	154	1582802	36.898	ng		99
53) 3-Nitroaniline	9.85	138	525793	43.981	ng		90
54) 2,4-Dinitrophenol	9.96	184	132968	50.430	ng		94
55) Dibenzofuran	10.10	168	2434864	37.533	ng		96
56) 4-Nitrophenol	10.03	139	322736	40.757	ng		98
57) 2,4-Dinitrotoluene	10.09	165	590640	43.513	ng	#	88
58) Fluorene	10.45	166	1781656	36.758	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	480436	42.393	ng		98
60) Diethylphthalate	10.32	149	1986088	38.008	ng		98
61) 4-Chlorophenyl-phenylether	10.43	204	988046	37.777	ng		96
62) 4-Nitroaniline	10.47	138	512504	43.173	ng		97
63) Azobenzene	10.60	77	1852835	37.026	ng		96
65) 4,6-Dinitro-2-methylphenol	10.50	198	267835	46.660	ng		98
66) n-Nitrosodiphenylamine	10.56	169	1751723	38.207	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	641481	39.822	ng		92
68) Hexachlorobenzene	11.00	284	670136	38.619	ng		94
69) Atrazine	11.08	200	585659	39.586	ng		98
70) Pentachlorophenol	11.20	266	325699	42.164	ng		98
71) Phenanthrene	11.41	178	2583110	37.010	ng		98
72) Anthracene	11.46	178	2590849	36.645	ng		97
73) Carbazole	11.62	167	2601061	36.725	ng		97
74) Di-n-butylphthalate	11.94	149	2982900	37.441	ng		99
75) Fluoranthene	12.60	202	2691103	36.519	ng		97
77) Benzidine	12.72	184	1412609	38.760	ng		99
78) Pyrene	12.83	202	2733526	37.931	ng		98
80) Butylbenzylphthalate	13.44	149	1306290	41.318	ng		99
81) Benzo(a)anthracene	14.02	228	2352299	37.559	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	916405	39.071	ng		99
83) Chrysene	14.06	228	2224912	37.544	ng		98
84) Bis(2-ethylhexyl)phthalate	14.00	149	1844315	40.704	ng		98
85) Di-n-octyl phthalate	14.61	149	2801107	40.123	ng		100
86) Indeno(1,2,3-cd)pyrene	16.98	276	1890107	34.570	ng		99
88) Benzo(b)fluoranthene	15.07	252	2010708	37.781	ng		100
89) Benzo(k)fluoranthene	15.10	252	2039864	39.601	ng		99
90) Benzo(a)pyrene	15.44	252	1860169	38.113	ng		98
91) Dibenzo(a,h)anthracene	17.00	278	1586624	36.602	ng		99
92) Benzo(g,h,i)perylene	17.43	276	1549005	36.272	ng		99

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

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