Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
Data File : BF114986.D
Acq On : 12 Jun 2019 20:23
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 13 02:13:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	279073	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1124451	20.00	ng		0.00
39) Acenaphthene-d10	9.68	164	553717	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1084674	20.00	ng		0.00
76) Chrysene-d12	13.77	240	600954	20.00	ng		0.00
87) Perylene-d12	15.14	264	608509	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1363775	81.60	ng		0.00
7) Phenol-d6	6.30	99	1641210	81.41	ng		0.00
23) Nitrobenzene-d5	7.22	82	1521302	81.44	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	495488	83.56	ng		0.00
45) 2-Fluorobiphenyl	9.01	172	2654920	81.26	ng		0.00
79) Terphenyl-d14	12.73	244	2621676	82.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	322171	41.182	ng		99
3) Pyridine	2.95	79	877705	39.850	ng		99
4) n-Nitrosodimethylamine	2.89	42	319474	40.855	ng		100
6) Aniline	6.31	93	1109163	41.081	ng	#	75
8) 2-Chlorophenol	6.43	128	777935	41.050	ng		96
9) Benzaldehyde	6.19	77	472068	41.675	ng		99
10) Phenol	6.31	94	910199	40.352	ng		96
11) bis(2-Chloroethyl)ether	6.39	93	718834	41.059	ng		99
12) 1,3-Dichlorobenzene	6.59	146	897015	40.524	ng		98
13) 1,4-Dichlorobenzene	6.67	146	903507	40.600	ng		99
14) 1,2-Dichlorobenzene	6.82	146	825656	39.408	ng		99
15) Benzyl Alcohol	6.80	79	604308	40.007	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	963810	41.132	ng		99
17) 2-Methylphenol	6.92	107	638182	40.373	ng		99
18) Hexachloroethane	7.16	117	324874	40.424	ng		98
19) n-Nitroso-di-n-propylamine	7.07	70	495535	40.455	ng		96
20) 3+4-Methylphenols	7.07	107	740597	39.367	ng	#	75
22) Acetophenone	7.06	105	1036169	40.708	ng	#	99
24) Nitrobenzene	7.23	77	793470	41.746	ng		93
25) Isophorone	7.48	82	1440067	41.159	ng		99
26) 2-Nitrophenol	7.55	139	441954	41.716	ng		96
27) 2,4-Dimethylphenol	7.60	122	625462	40.925	ng		99
28) bis(2-Chloroethoxy)methane	7.69	93	921937	41.070	ng		99
29) 2,4-Dichlorophenol	7.79	162	676564	41.905	ng		97
30) 1,2,4-Trichlorobenzene	7.87	180	773870	41.482	ng		98
31) Naphthalene	7.95	128	2199576	41.343	ng		99
32) Benzoic acid	7.74	122	450362	40.727	ng		98
33) 4-Chloroaniline	8.00	127	1010850	41.161	ng		99
34) Hexachlorobutadiene	8.08	225	428037	41.279	ng		100
35) Caprolactam	8.39	113	225438	41.923	ng		99
36) 4-Chloro-3-methylphenol	8.49	107	675803	41.536	ng		97
37) 2-Methylnaphthalene	8.65	142	1471343	41.464	ng		99
38) 1-Methylnaphthalene	8.74	142	1400103	41.747	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	664802	40.639	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	336118	41.697 ng		98
43) 2,4,6-Trichlorophenol	8.92	196	497796	40.741 ng		99
44) 2,4,5-Trichlorophenol	8.96	196	515269	41.729 ng		96
46) 1,1'-Biphenyl	9.11	154	1740522	39.226 ng		99
47) 2-Chloronaphthalene	9.13	162	1467533	40.900 ng		99
48) 2-Nitroaniline	9.23	65	446826	42.131 ng		92
49) Acenaphthylene	9.54	152	2172196	39.374 ng		99
50) Dimethylphthalate	9.42	163	1689041	40.561 ng		100
51) 2,6-Dinitrotoluene	9.47	165	392880	41.593 ng	#	84
52) Acenaphthene	9.72	154	1300820	41.213 ng		98
53) 3-Nitroaniline	9.63	138	486928	42.074 ng		98
54) 2,4-Dinitrophenol	9.74	184	197327	43.069 ng		93
55) Dibenzofuran	9.89	168	1876940	39.457 ng		99
56) 4-Nitrophenol	9.80	139	342720	42.943 ng		93
57) 2,4-Dinitrotoluene	9.87	165	516377	42.950 ng		94
58) Fluorene	10.23	166	1347053	41.874 ng		97
59) 2,3,4,6-Tetrachlorophenol	10.00	232	418932	42.002 ng		100
60) Diethylphthalate	10.11	149	1659440	41.677 ng		100
61) 4-Chlorophenyl-phenylether	10.22	204	665432	41.804 ng		96
62) 4-Nitroaniline	10.25	138	497987	42.796 ng		100
63) Azobenzene	10.38	77	1445641	41.502 ng		97
65) 4,6-Dinitro-2-methylphenol	10.28	198	258589	42.535 ng		89
66) n-Nitrosodiphenylamine	10.34	169	1315221	40.565 ng		100
67) 4-Bromophenyl-phenylether	10.70	248	477310	40.984 ng		95
68) Hexachlorobenzene	10.77	284	522605	40.759 ng		94
69) Atrazine	10.87	200	429829	41.118 ng		98
70) Pentachlorophenol	10.96	266	299374	42.994 ng		99
71) Phenanthrene	11.18	178	2173149	38.804 ng		99
72) Anthracene	11.23	178	2240223	39.651 ng		100
73) Carbazole	11.38	167	2030597	41.177 ng		100
74) Di-n-butylphthalate	11.73	149	2454635	39.484 ng		99
75) Fluoranthene	12.36	202	2243296	39.173 ng		98
77) Benzidine	12.48	184	1000181	41.148 ng		100
78) Pyrene	12.58	202	2275798	41.570 ng		100
80) Butylbenzylphthalate	13.21	149	1074284	42.013 ng		97
81) Benzo(a)anthracene	13.76	228	1844630	41.018 ng		99
82) 3,3'-Dichlorobenzidine	13.73	252	725772	42.095 ng		100
83) Chrysene	13.80	228	1841825	41.186 ng		100
84) Bis(2-ethylhexyl)phthalate	13.77	149	1279876	42.350 ng		99
85) Di-n-octyl phthalate	14.38	149	2152444	41.359 ng		100
86) Indeno(1,2,3-cd)pyrene	16.45	276	1565588	39.855 ng		99
88) Benzo(b)fluoranthene	14.77	252	1617450	39.985 ng		100
89) Benzo(k)fluoranthene	14.80	252	1496956	42.161 ng		100
90) Benzo(a)pyrene	15.09	252	1423498	40.782 ng		99
91) Dibenzo(a,h)anthracene	16.47	278	1270463	42.264 ng		99
92) Benzo(g,h,i)perylene	16.84	276	1286536	41.966 ng		99

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

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