Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114693.D
Acq On : 31 May 2019 8:23
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 31 12:12:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 12:07:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	452484	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	1794721	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	866142	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1630813	20.00	ng	0.00
76) Chrysene-d12	13.83	240	850024	20.00	ng	0.00
87) Perylene-d12	15.22	264	922193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2018697	78.33	ng	0.00
7) Phenol-d6	6.34	99	2459129	79.18	ng	0.00
23) Nitrobenzene-d5	7.27	82	2359635	82.03	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	708964	85.90	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	3811255	82.12	ng	0.00
79) Terphenyl-d14	12.79	244	3898788	86.24	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.37	88	479742	38.790	ng	100
3) Pyridine	3.06	79	1383280	38.431	ng	100
4) n-Nitrosodimethylamine	3.01	42	549806	37.747	ng	100
6) Aniline	6.36	93	1818100	38.757	ng	100
8) 2-Chlorophenol	6.49	128	1218453	40.938	ng	100
9) Benzaldehyde	6.25	77	761360	45.524	ng	100
10) Phenol	6.36	94	1435424	38.261	ng	100
11) bis(2-Chloroethyl)ether	6.44	93	1150124	40.079	ng	100
12) 1,3-Dichlorobenzene	6.65	146	1375715	40.570	ng	100
13) 1,4-Dichlorobenzene	6.72	146	1368659	40.234	ng	100
14) 1,2-Dichlorobenzene	6.87	146	1255434	40.536	ng	100
15) Benzyl Alcohol	6.85	79	984565	40.303	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1638815	37.234	ng	100
17) 2-Methylphenol	6.96	107	1027066	40.799	ng	100
18) Hexachloroethane	7.22	117	506170	39.300	ng	100
19) n-Nitroso-di-n-propylamine	7.13	70	816669	38.097	ng	100
20) 3+4-Methylphenols	7.12	107	1105363	37.334	ng	100
22) Acetophenone	7.12	105	1539338	40.255	ng	100
24) Nitrobenzene	7.29	77	1226605	40.141	ng	100
25) Isophorone	7.53	82	2266650	39.262	ng	100
26) 2-Nitrophenol	7.60	139	658699	44.284	ng	100
27) 2,4-Dimethylphenol	7.65	122	1006053	40.668	ng	100
28) bis(2-Chloroethoxy)methane	7.74	93	1480925	40.298	ng	100
29) 2,4-Dichlorophenol	7.85	162	1042499	41.402	ng	100
30) 1,2,4-Trichlorobenzene	7.93	180	1194958	41.655	ng	100
31) Naphthalene	8.00	128	3173787	38.392	ng	100
32) Benzoic acid	7.79	122	663482	41.293	ng	100
33) 4-Chloroaniline	8.05	127	1592936	40.445	ng	100
34) Hexachlorobutadiene	8.13	225	665140	41.737	ng	100
35) Caprolactam	8.44	113	353618	41.615	ng	100
36) 4-Chloro-3-methylphenol	8.54	107	1026391	40.647	ng	100
37) 2-Methylnaphthalene	8.69	142	2200420	40.061	ng	100
38) 1-Methylnaphthalene	8.79	142	2117218	40.684	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	996464	43.201	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	632692	41.508	ng	100
43) 2,4,6-Trichlorophenol	8.97	196	772527	42.565	ng	100
44) 2,4,5-Trichlorophenol	9.01	196	789426	43.588	ng	100
46) 1,1'-Biphenyl	9.16	154	2565302	39.899	ng	100
47) 2-Chloronaphthalene	9.18	162	2174479	41.230	ng	100
48) 2-Nitroaniline	9.27	65	694666	42.682	ng	100
49) Acenaphthylene	9.59	152	3169845	38.904	ng	100
50) Dimethylphthalate	9.46	163	2506708	41.533	ng	100
51) 2,6-Dinitrotoluene	9.52	165	599657	42.759	ng	100
52) Acenaphthene	9.77	154	2082741	41.681	ng	100
53) 3-Nitroaniline	9.68	138	747854	43.571	ng	100
54) 2,4-Dinitrophenol	9.79	184	315420	57.020	ng	100
55) Dibenzofuran	9.94	168	2754382	38.724	ng	100
56) 4-Nitrophenol	9.84	139	533748	41.963	ng	100
57) 2,4-Dinitrotoluene	9.92	165	771290	42.853	ng	100
58) Fluorene	10.28	166	1922466	39.535	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	637066	42.974	ng	100
60) Diethylphthalate	10.16	149	2479214	40.219	ng	100
61) 4-Chlorophenyl-phenylether	10.27	204	1000470	41.226	ng	100
62) 4-Nitroaniline	10.29	138	717688	42.910	ng	100
63) Azobenzene	10.43	77	2181889	38.553	ng	100
65) 4,6-Dinitro-2-methylphenol	10.33	198	318420	44.034	ng	100
66) n-Nitrosodiphenylamine	10.39	169	1972703	40.942	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	736329	42.104	ng	100
68) Hexachlorobenzene	10.83	284	780834	41.222	ng	100
69) Atrazine	10.92	200	613579	39.571	ng	100
70) Pentachlorophenol	11.02	266	451126	41.316	ng	100
71) Phenanthrene	11.23	178	3065275	36.846	ng	100
72) Anthracene	11.28	178	3095468	36.765	ng	100
73) Carbazole	11.43	167	2860755	38.660	ng	100
74) Di-n-butylphthalate	11.77	149	3455831	36.955	ng	100
75) Fluoranthene	12.41	202	3089884	35.870	ng	100
77) Benzidine	12.53	184	1538840	43.964	ng	100
78) Pyrene	12.64	202	3114191	43.310	ng	100
80) Butylbenzylphthalate	13.26	149	1565021	43.308	ng	100
81) Benzo(a)anthracene	13.82	228	2567269	39.302	ng	100
82) 3,3'-Dichlorobenzidine	13.79	252	1077057	42.696	ng	100
83) Chrysene	13.86	228	2516250	40.319	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	1799882	40.288	ng	100
85) Di-n-octyl phthalate	14.43	149	3149738	40.578	ng	100
86) Indeno(1,2,3-cd)pyrene	16.55	276	2290186	36.639	ng	100
88) Benzo(b)fluoranthene	14.83	252	2318029	39.909	ng	100
89) Benzo(k)fluoranthene	14.86	252	2177478	43.132	ng	100
90) Benzo(a)pyrene	15.16	252	2080036	40.765	ng	100
91) Dibenzo(a,h)anthracene	16.57	278	1855817	41.159	ng	100
92) Benzo(g,h,i)perylene	16.95	276	1871302	42.761	ng	100

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

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