Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114650.D
Acq On : 30 May 2019 8:52
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 30 14:19:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	432008	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	1708351	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	836213	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	1542444	20.00	ng		0.00
76) Chrysene-d12	13.82	240	920171	20.00	ng		0.00
87) Perylene-d12	15.21	264	1120024	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1946866	79.12	ng		0.00
7) Phenol-d6	6.33	99	2413553	81.40	ng		0.00
23) Nitrobenzene-d5	7.26	82	2260447	82.55	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	652560	81.90	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	3644284	81.14	ng		0.00
79) Terphenyl-d14	12.78	244	3836537	78.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	483666	40.961	ng		99
3) Pyridine	3.05	79	1387608	40.379	ng		100
4) n-Nitrosodimethylamine	3.00	42	561191	40.354	ng		99
6) Aniline	6.36	93	1807038	40.347	ng		99
8) 2-Chlorophenol	6.48	128	1164152	40.968	ng		98
9) Benzaldehyde	6.24	77	709432	43.981	ng		96
10) Phenol	6.35	94	1421012	39.672	ng		93
11) bis(2-Chloroethyl)ether	6.44	93	1124814	41.055	ng		97
12) 1,3-Dichlorobenzene	6.64	146	1324626	40.915	ng		98
13) 1,4-Dichlorobenzene	6.72	146	1330836	40.976	ng		99
14) 1,2-Dichlorobenzene	6.87	146	1213988	41.056	ng		98
15) Benzyl Alcohol	6.84	79	954729	40.934	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1671224	39.770	ng		100
17) 2-Methylphenol	6.95	107	974625	40.551	ng		99
18) Hexachloroethane	7.21	117	499459	40.617	ng		98
19) n-Nitroso-di-n-propylamine	7.12	70	805491	39.356	ng		99
20) 3+4-Methylphenols	7.11	107	1065474	37.693	ng		97
22) Acetophenone	7.11	105	1473866	40.491	ng	#	97
24) Nitrobenzene	7.28	77	1208101	41.534	ng		95
25) Isophorone	7.52	82	2187016	39.798	ng		100
26) 2-Nitrophenol	7.59	139	600701	42.427	ng		99
27) 2,4-Dimethylphenol	7.64	122	969049	41.153	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	1421056	40.623	ng		100
29) 2,4-Dichlorophenol	7.83	162	1003055	41.850	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	1149755	42.105	ng		99
31) Naphthalene	8.00	128	3110977	39.535	ng		99
32) Benzoic acid	7.76	122	579781	37.908	ng		97
33) 4-Chloroaniline	8.05	127	1518752	40.511	ng		99
34) Hexachlorobutadiene	8.13	225	640984	42.255	ng		100
35) Caprolactam	8.43	113	319948	39.556	ng		99
36) 4-Chloro-3-methylphenol	8.53	107	981398	40.830	ng		98
37) 2-Methylnaphthalene	8.69	142	2139637	40.924	ng		99
38) 1-Methylnaphthalene	8.79	142	2010764	40.592	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	935367	42.003	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	584726	39.735 ng	99
43) 2,4,6-Trichlorophenol	8.96	196	736220	42.017 ng	97
44) 2,4,5-Trichlorophenol	9.00	196	732903	41.915 ng	97
46) 1,1'-Biphenyl	9.15	154	2476097	39.890 ng	99
47) 2-Chloronaphthalene	9.17	162	2112109	41.481 ng	99
48) 2-Nitroaniline	9.26	65	649992	41.366 ng	98
49) Acenaphthylene	9.59	152	3055327	38.841 ng	98
50) Dimethylphthalate	9.46	163	2331701	40.016 ng	99
51) 2,6-Dinitrotoluene	9.51	165	545187	40.266 ng	97
52) Acenaphthene	9.76	154	1967310	40.780 ng	99
53) 3-Nitroaniline	9.67	138	670206	40.445 ng	97
54) 2,4-Dinitrophenol	9.77	184	227666	42.630 ng	90
55) Dibenzofuran	9.93	168	2697168	39.277 ng	98
56) 4-Nitrophenol	9.83	139	495725	40.369 ng	90
57) 2,4-Dinitrotoluene	9.91	165	721518	41.523 ng	89
58) Fluorene	10.27	166	1852660	39.439 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	599728	41.904 ng	100
60) Diethylphthalate	10.15	149	2356347	39.594 ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	944950	40.034 ng	100
62) 4-Nitroaniline	10.29	138	648068	40.134 ng	98
63) Azobenzene	10.42	77	2157961	39.495 ng	99
65) 4,6-Dinitro-2-methylphenol	10.32	198	300553	43.944 ng	81
66) n-Nitrosodiphenylamine	10.38	169	1909199	41.894 ng	100
67) 4-Bromophenyl-phenylether	10.75	248	696047	42.081 ng	97
68) Hexachlorobenzene	10.82	284	752542	42.005 ng	99
69) Atrazine	10.91	200	569657	38.620 ng	99
70) Pentachlorophenol	11.00	266	438806	42.490 ng	98
71) Phenanthrene	11.22	178	2989955	38.000 ng	99
72) Anthracene	11.27	178	3011338	37.815 ng	98
73) Carbazole	11.42	167	2784646	39.788 ng	99
74) Di-n-butylphthalate	11.77	149	3378674	38.563 ng	99
75) Fluoranthene	12.40	202	3060347	37.562 ng	98
77) Benzidine	12.52	184	1566113	41.332 ng	99
78) Pyrene	12.63	202	3096080	39.775 ng	98
80) Butylbenzylphthalate	13.26	149	1536960	39.289 ng	99
81) Benzo(a)anthracene	13.81	228	2867075	40.546 ng	100
82) 3,3'-Dichlorobenzidine	13.77	252	1147116	42.006 ng	99
83) Chrysene	13.84	228	2703320	40.014 ng	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1905164	39.393 ng	100
85) Di-n-octyl phthalate	14.43	149	3318720	39.495 ng	99
86) Indeno(1,2,3-cd)pyrene	16.53	276	2660062	39.313 ng	100
88) Benzo(b)fluoranthene	14.83	252	2951330	41.837 ng	99
89) Benzo(k)fluoranthene	14.85	252	2391087	38.997 ng	99
90) Benzo(a)pyrene	15.16	252	2515421	40.590 ng	97
91) Dibenzo(a,h)anthracene	16.56	278	2186751	39.932 ng	99
92) Benzo(g,h,i)perylene	16.93	276	2107420	39.650 ng	99

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

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