Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114865.D
Acq On : 6 Jun 2019 16:22
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 07 00:01:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	301642	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1232780	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	613847	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1230271	20.00	ng	0.00
76) Chrysene-d12	13.80	240	781212	20.00	ng	0.00
87) Perylene-d12	15.19	264	1010547	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1508737	87.40	ng	0.00
7) Phenol-d6	6.31	99	1829408	87.09	ng	0.00
23) Nitrobenzene-d5	7.23	82	1665639	83.17	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	559963	84.65	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	2932705	89.50	ng	0.00
79) Terphenyl-d14	12.76	244	3078956	76.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.29	88	354303	42.987	ng	99
3) Pyridine	2.97	79	984622	43.469	ng	99
4) n-Nitrosodimethylamine	2.91	42	350614	42.293	ng	97
6) Aniline	6.33	93	1277141	42.849	ng	95
8) 2-Chlorophenol	6.45	128	859850	43.110	ng	98
9) Benzaldehyde	6.21	77	603481	41.418	ng	97
10) Phenol	6.32	94	1031701	42.950	ng	95
11) bis(2-Chloroethyl)ether	6.41	93	803319	42.851	ng	100
12) 1,3-Dichlorobenzene	6.61	146	989609	42.579	ng	98
13) 1,4-Dichlorobenzene	6.69	146	998505	42.696	ng	99
14) 1,2-Dichlorobenzene	6.84	146	932181	44.136	ng	99
15) Benzyl Alcohol	6.82	79	693187	43.639	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1146532	42.762	ng	100
17) 2-Methylphenol	6.93	107	708597	41.562	ng	98
18) Hexachloroethane	7.19	117	361677	41.089	ng	94
19) n-Nitroso-di-n-propylamine	7.09	70	557361	40.084	ng	98
20) 3+4-Methylphenols	7.09	107	808040	42.971	ng	96
22) Acetophenone	7.08	105	1121809	41.332	ng	99
24) Nitrobenzene	7.25	77	873699	42.113	ng	100
25) Isophorone	7.49	82	1585939	40.058	ng	96
26) 2-Nitrophenol	7.57	139	468794	41.720	ng	97
27) 2,4-Dimethylphenol	7.62	122	704048	41.224	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	1036849	40.970	ng	99
29) 2,4-Dichlorophenol	7.81	162	745885	41.512	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	855214	41.481	ng	99
31) Naphthalene	7.97	128	2405676	43.345	ng	99
32) Benzoic acid	7.73	122	458681	36.875	ng	100
33) 4-Chloroaniline	8.02	127	1119573	42.285	ng	99
34) Hexachlorobutadiene	8.10	225	474538	40.485	ng	99
35) Caprolactam	8.40	113	251577	42.861	ng	92
36) 4-Chloro-3-methylphenol	8.50	107	739934	41.384	ng	97
37) 2-Methylnaphthalene	8.66	142	1633816	42.442	ng	99
38) 1-Methylnaphthalene	8.76	142	1554209	42.573	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	743883	42.051	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	401226	37.397	ng		98
43) 2,4,6-Trichlorophenol	8.94	196	554206	40.289	ng		97
44) 2,4,5-Trichlorophenol	8.98	196	572359	41.316	ng		97
46) 1,1'-Biphenyl	9.13	154	1955638	42.986	ng		99
47) 2-Chloronaphthalene	9.15	162	1627519	42.100	ng		97
48) 2-Nitroaniline	9.24	65	492905	42.726	ng		96
49) Acenaphthylene	9.56	152	2437356	43.477	ng		98
50) Dimethylphthalate	9.43	163	1880750	41.950	ng		100
51) 2,6-Dinitrotoluene	9.49	165	434813	41.239	ng		96
52) Acenaphthene	9.73	154	1554835	42.338	ng		100
53) 3-Nitroaniline	9.65	138	530472	43.068	ng		95
54) 2,4-Dinitrophenol	9.76	184	195862	41.051	ng		96
55) Dibenzofuran	9.90	168	2134600	41.801	ng		98
56) 4-Nitrophenol	9.81	139	393610	43.611	ng		98
57) 2,4-Dinitrotoluene	9.89	165	578519	43.646	ng		93
58) Fluorene	10.25	166	1523910	46.963	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	470651	41.468	ng		99
60) Diethylphthalate	10.13	149	1914599	42.558	ng		100
61) 4-Chlorophenyl-phenylether	10.24	204	772153	39.479	ng		99
62) 4-Nitroaniline	10.26	138	534322	44.726	ng		98
63) Azobenzene	10.40	77	1656239	43.250	ng		97
65) 4,6-Dinitro-2-methylphenol	10.29	198	254052	39.753	ng		88
66) n-Nitrosodiphenylamine	10.36	169	1495206	40.193	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	548931	39.286	ng		96
68) Hexachlorobenzene	10.79	284	608907	39.818	ng	#	93
69) Atrazine	10.89	200	534254	41.293	ng		97
70) Pentachlorophenol	10.98	266	362752	41.034	ng		100
71) Phenanthrene	11.20	178	2489039	42.380	ng		99
72) Anthracene	11.25	178	2507599	40.570	ng		99
73) Carbazole	11.40	167	2296704	43.346	ng		99
74) Di-n-butylphthalate	11.75	149	2924657	41.966	ng		99
75) Fluoranthene	12.38	202	2587169	42.323	ng		98
77) Benzidine	12.50	184	1606931	41.551	ng		98
78) Pyrene	12.60	202	2644988	39.028	ng		99
80) Butylbenzylphthalate	13.23	149	1366745	39.937	ng		97
81) Benzo(a)anthracene	13.79	228	2385760	39.630	ng		99
82) 3,3'-Dichlorobenzidine	13.76	252	1021865	41.861	ng	#	98
83) Chrysene	13.83	228	2360169	40.302	ng		100
84) Bis(2-ethylhexyl)phthalate	13.80	149	1733712	40.063	ng		100
85) Di-n-octyl phthalate	14.42	149	3152004	42.866	ng		99
86) Indeno(1,2,3-cd)pyrene	16.51	276	2479281	37.104	ng		99
88) Benzo(b)fluoranthene	14.80	252	2683249	41.709	ng		99
89) Benzo(k)fluoranthene	14.83	252	2104134	38.514	ng		99
90) Benzo(a)pyrene	15.14	252	2274649	40.850	ng		98
91) Dibenzo(a,h)anthracene	16.53	278	2028669	38.471	ng		99
92) Benzo(g,h,i)perylene	16.90	276	1959291	36.948	ng		99

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

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