Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115870.D
Acq On : 31 Jul 2019 17:09
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 01 04:55:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	188579	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	747554	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	391720	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	662037	20.00	ng		0.00
76) Chrysene-d12	14.03	240	456476	20.00	ng		0.00
87) Perylene-d12	15.49	264	418816	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	874068	77.59	ng		0.00
7) Phenol-d6	6.49	99	1131165	79.59	ng		0.00
23) Nitrobenzene-d5	7.42	82	1037305	80.10	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	296151	77.98	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1630829	77.98	ng		0.00
79) Terphenyl-d14	12.97	244	1739891	80.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	221060	38.845	ng		99
3) Pyridine	3.36	79	604191	38.007	ng		100
4) n-Nitrosodimethylamine	3.32	42	254444	40.559	ng		99
6) Aniline	6.52	93	824680	40.517	ng		98
8) 2-Chlorophenol	6.64	128	497560	39.944	ng		97
9) Benzaldehyde	6.40	77	378937	38.642	ng		98
10) Phenol	6.50	94	662457	39.581	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	490801	39.886	ng		97
12) 1,3-Dichlorobenzene	6.80	146	562360	39.064	ng		99
13) 1,4-Dichlorobenzene	6.87	146	566198	39.281	ng		100
14) 1,2-Dichlorobenzene	7.03	146	522947	39.401	ng		99
15) Benzyl Alcohol	7.00	79	432813	40.128	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	662536	39.474	ng		98
17) 2-Methylphenol	7.11	107	422905	40.095	ng		99
18) Hexachloroethane	7.37	117	210914	39.743	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	345358	39.213	ng		98
20) 3+4-Methylphenols	7.26	107	489908	39.250	ng	#	87
22) Acetophenone	7.27	105	649406	39.610	ng	#	94
24) Nitrobenzene	7.44	77	563615	40.305	ng		95
25) Isophorone	7.68	82	983321	39.708	ng		99
26) 2-Nitrophenol	7.75	139	271668	41.214	ng		100
27) 2,4-Dimethylphenol	7.79	122	397454	40.078	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	609099	39.683	ng		99
29) 2,4-Dichlorophenol	8.00	162	425744	40.659	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	481894	40.373	ng		99
31) Naphthalene	8.16	128	1416168	40.257	ng		99
32) Benzoic acid	7.94	122	258260	36.937	ng		98
33) 4-Chloroaniline	8.20	127	633205	40.286	ng		99
34) Hexachlorobutadiene	8.27	225	274101	39.869	ng		98
35) Caprolactam	8.60	113	138306	40.839	ng		91
36) 4-Chloro-3-methylphenol	8.69	107	438170	40.224	ng		97
37) 2-Methylnaphthalene	8.85	142	917533	39.603	ng		98
38) 1-Methylnaphthalene	8.95	142	864751	39.454	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	421353	40.235	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	174105	40.214 ng	99
43) 2,4,6-Trichlorophenol	9.13	196	289380	40.146 ng	100
44) 2,4,5-Trichlorophenol	9.17	196	295772	39.695 ng	96
46) 1,1'-Biphenyl	9.32	154	1102559	39.868 ng	100
47) 2-Chloronaphthalene	9.35	162	917487	39.861 ng	99
48) 2-Nitroaniline	9.44	65	307611	40.432 ng	94
49) Acenaphthylene	9.76	152	1340159	39.909 ng	100
50) Dimethylphthalate	9.62	163	1039029	38.956 ng	100
51) 2,6-Dinitrotoluene	9.68	165	230162	39.709 ng	92
52) Acenaphthene	9.93	154	811462	39.389 ng	100
53) 3-Nitroaniline	9.85	138	285934	39.924 ng	94
54) 2,4-Dinitrophenol	9.96	184	97969	37.799 ng	94
55) Dibenzofuran	10.10	168	1176728	39.278 ng	98
56) 4-Nitrophenol	10.01	139	182992	39.885 ng	95
57) 2,4-Dinitrotoluene	10.09	165	304714	39.485 ng	93
58) Fluorene	10.45	166	891351	38.671 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	247377	39.462 ng	99
60) Diethylphthalate	10.32	149	963980	38.712 ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	450164	38.562 ng	98
62) 4-Nitroaniline	10.47	138	293356	39.635 ng	99
63) Azobenzene	10.60	77	993173	38.777 ng	96
65) 4,6-Dinitro-2-methylphenol	10.50	198	147232	41.966 ng	90
66) n-Nitrosodiphenylamine	10.56	169	798485	40.071 ng	99
67) 4-Bromophenyl-phenylether	10.92	248	283157	39.954 ng	99
68) Hexachlorobenzene	11.00	284	326078	39.789 ng	97
69) Atrazine	11.08	200	255658	38.999 ng	99
70) Pentachlorophenol	11.19	266	162746	40.904 ng	99
71) Phenanthrene	11.41	178	1338129	39.537 ng	100
72) Anthracene	11.46	178	1364634	39.841 ng	99
73) Carbazole	11.61	167	1264574	40.694 ng	100
74) Di-n-butylphthalate	11.94	149	1400525	38.634 ng	100
75) Fluoranthene	12.60	202	1395381	39.382 ng	100
77) Benzidine	12.71	184	658581	42.705 ng	99
78) Pyrene	12.83	202	1427649	41.490 ng	99
80) Butylbenzylphthalate	13.44	149	590376	40.560 ng	96
81) Benzo(a)anthracene	14.02	228	1174959	40.271 ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	416297	41.070 ng	98
83) Chrysene	14.05	228	1138680	40.200 ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	741417	39.198 ng	100
85) Di-n-octyl phthalate	14.60	149	1111499	36.996 ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	964625	40.547 ng	100
88) Benzo(b)fluoranthene	15.06	252	928736	38.351 ng	97
89) Benzo(k)fluoranthene	15.09	252	952815	40.396 ng	99
90) Benzo(a)pyrene	15.43	252	866136	40.011 ng	100
91) Dibenzo(a,h)anthracene	16.98	278	786384	41.967 ng	99
92) Benzo(g,h,i)perylene	17.41	276	781935	42.490 ng	99

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

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