Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
Data File : BF116853.D
Acq On : 6 Sep 2019 9:56
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 06 23:50:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	80490	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	336034	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	170489	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	272868	20.00	ng		0.00
76) Chrysene-d12	14.00	240	176487	20.00	ng		0.00
87) Perylene-d12	15.46	264	153970	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	429294	86.41	ng		0.00
7) Phenol-d6	6.49	99	555626	85.17	ng		0.00
23) Nitrobenzene-d5	7.41	82	540804	91.87	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	122181	107.20	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	929745	91.99	ng		0.00
79) Terphenyl-d14	12.95	244	849332	89.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	88093	38.410	ng		96
3) Pyridine	3.35	79	253737	38.210	ng		92
4) n-Nitrosodimethylamine	3.29	42	86721	38.030	ng		88
6) Aniline	6.51	93	363173	40.192	ng		100
8) 2-Chlorophenol	6.64	128	232648	42.895	ng		98
9) Benzaldehyde	6.40	77	164156	38.193	ng		94
10) Phenol	6.50	94	303069	41.952	ng		91
11) bis(2-Chloroethyl)ether	6.58	93	227702	40.480	ng		99
12) 1,3-Dichlorobenzene	6.79	146	261245	42.619	ng		97
13) 1,4-Dichlorobenzene	6.87	146	263340	43.151	ng		98
14) 1,2-Dichlorobenzene	7.02	146	250074	44.217	ng		97
15) Benzyl Alcohol	6.99	79	223164	42.140	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	233516	35.383	ng		92
17) 2-Methylphenol	7.10	107	195835	41.247	ng		98
18) Hexachloroethane	7.36	117	102337	43.161	ng		91
19) n-Nitroso-di-n-propylamine	7.26	70	176548	41.100	ng		92
20) 3+4-Methylphenols	7.26	107	249244	45.150	ng	#	74
22) Acetophenone	7.26	105	356051	44.011	ng		96
24) Nitrobenzene	7.43	77	271203	45.301	ng		98
25) Isophorone	7.67	82	479306	40.184	ng		99
26) 2-Nitrophenol	7.75	139	117938	52.989	ng		97
27) 2,4-Dimethylphenol	7.79	122	180946	40.254	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	299765	41.126	ng		98
29) 2,4-Dichlorophenol	7.99	162	194395	45.000	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	205651	43.891	ng		96
31) Naphthalene	8.15	128	681662	42.661	ng		99
32) Benzoic acid	7.90	122	84486	33.287	ng		94
33) 4-Chloroaniline	8.20	127	305458	41.996	ng		98
34) Hexachlorobutadiene	8.27	225	117090	45.832	ng		99
35) Caprolactam	8.57	113	62590	38.715	ng		91
36) 4-Chloro-3-methylphenol	8.68	107	218178	43.943	ng		100
37) 2-Methylnaphthalene	8.85	142	461286	43.389	ng		95
38) 1-Methylnaphthalene	8.95	142	432003	43.045	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	186107	45.537	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	91105	38.603 ng		99
43) 2,4,6-Trichlorophenol	9.12	196	128834	45.986 ng		97
44) 2,4,5-Trichlorophenol	9.16	196	135508	46.590 ng		95
46) 1,1'-Biphenyl	9.30	154	560498	43.326 ng		98
47) 2-Chloronaphthalene	9.33	162	447170	43.641 ng		99
48) 2-Nitroaniline	9.42	65	143465	48.430 ng		95
49) Acenaphthylene	9.75	152	667522	43.097 ng		99
50) Dimethylphthalate	9.60	163	507710	43.134 ng		98
51) 2,6-Dinitrotoluene	9.66	165	108951	48.515 ng		99
52) Acenaphthene	9.92	154	413089	43.406 ng		99
53) 3-Nitroaniline	9.83	138	133531	47.446 ng		89
54) 2,4-Dinitrophenol	9.95	184	33485	46.314 ng		92
55) Dibenzofuran	10.09	168	583380	43.483 ng		99
56) 4-Nitrophenol	10.00	139	88088	45.648 ng		85
57) 2,4-Dinitrotoluene	10.07	165	144418	52.592 ng		95
58) Fluorene	10.43	166	467968	45.778 ng		97
59) 2,3,4,6-Tetrachlorophenol	10.21	232	105677	50.343 ng		96
60) Diethylphthalate	10.30	149	501913	42.569 ng		97
61) 4-Chlorophenyl-phenylether	10.42	204	206923	46.225 ng		96
62) 4-Nitroaniline	10.45	138	134913	49.396 ng		96
63) Azobenzene	10.58	77	513619	41.777 ng		96
65) 4,6-Dinitro-2-methylphenol	10.48	198	49399	48.976 ng		82
66) n-Nitrosodiphenylamine	10.54	169	404603	42.863 ng		97
67) 4-Bromophenyl-phenylether	10.91	248	121199	43.723 ng		99
68) Hexachlorobenzene	10.99	284	129938	44.803 ng		98
69) Atrazine	11.06	200	113091	42.777 ng		97
70) Pentachlorophenol	11.17	266	64574	46.027 ng		95
71) Phenanthrene	11.39	178	657184	43.265 ng		99
72) Anthracene	11.45	178	667360	43.646 ng		99
73) Carbazole	11.60	167	619626	42.542 ng		100
74) Di-n-butylphthalate	11.92	149	791953	42.414 ng		99
75) Fluoranthene	12.58	202	642809	43.062 ng		100
77) Benzidine	12.69	184	276747	39.979 ng		99
78) Pyrene	12.81	202	649566	41.404 ng		99
80) Butylbenzylphthalate	13.42	149	319257	41.846 ng		97
81) Benzo(a)anthracene	13.99	228	496316	44.434 ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	159622	42.287 ng		99
83) Chrysene	14.03	228	477826	41.522 ng		100
84) Bis(2-ethylhexyl)phthalate	13.97	149	406454	43.158 ng		99
85) Di-n-octyl phthalate	14.59	149	635271	41.220 ng	#	95
86) Indeno(1,2,3-cd)pyrene	16.93	276	356021	38.517 ng		97
88) Benzo(b)fluoranthene	15.04	252	389349	41.826 ng		98
89) Benzo(k)fluoranthene	15.07	252	379965	44.767 ng		98
90) Benzo(a)pyrene	15.40	252	348924	43.084 ng		97
91) Dibenzo(a,h)anthracene	16.94	278	295949	41.748 ng		99
92) Benzo(g,h,i)perylene	17.36	276	285015	39.422 ng		96

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

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