Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115946.D
Acq On : 2 Aug 2019 15:05
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 02 15:30:42 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	162285	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	679452	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	347512	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	674887	20.00	ng		0.00
76) Chrysene-d12	14.03	240	476125	20.00	ng		0.00
87) Perylene-d12	15.50	264	442107	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	782714	80.74	ng		0.00
7) Phenol-d6	6.49	99	1005469	82.21	ng		0.00
23) Nitrobenzene-d5	7.42	82	918392	78.02	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	288799	85.72	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1520654	81.96	ng		0.00
79) Terphenyl-d14	12.97	244	1800026	79.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	194241	39.663	ng		100
3) Pyridine	3.37	79	507241	37.078	ng		98
4) n-Nitrosodimethylamine	3.33	42	215498	39.916	ng		99
6) Aniline	6.52	93	691939	39.503	ng		99
8) 2-Chlorophenol	6.65	128	454122	42.363	ng		98
9) Benzaldehyde	6.40	77	309659	36.693	ng		98
10) Phenol	6.50	94	587466	40.788	ng		94
11) bis(2-Chloroethyl)ether	6.59	93	442539	41.791	ng		97
12) 1,3-Dichlorobenzene	6.80	146	498387	40.229	ng		99
13) 1,4-Dichlorobenzene	6.87	146	499222	40.246	ng		98
14) 1,2-Dichlorobenzene	7.03	146	459196	40.203	ng		99
15) Benzyl Alcohol	7.00	79	391494	42.178	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	594656	41.171	ng		95
17) 2-Methylphenol	7.11	107	377249	41.561	ng		100
18) Hexachloroethane	7.37	117	186791	40.900	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	309930	40.893	ng		97
20) 3+4-Methylphenols	7.26	107	435830	40.575	ng	#	87
22) Acetophenone	7.27	105	581021	38.991	ng	#	97
24) Nitrobenzene	7.44	77	506433	39.846	ng		97
25) Isophorone	7.68	82	907955	40.340	ng		99
26) 2-Nitrophenol	7.75	139	250982	41.892	ng		96
27) 2,4-Dimethylphenol	7.79	122	356684	39.572	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	564018	40.430	ng		99
29) 2,4-Dichlorophenol	8.00	162	385978	40.556	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	428336	39.483	ng		100
31) Naphthalene	8.16	128	1271005	39.752	ng		99
32) Benzoic acid	7.94	122	214187	33.704	ng		98
33) 4-Chloroaniline	8.20	127	567841	39.748	ng		98
34) Hexachlorobutadiene	8.27	225	248383	39.749	ng		98
35) Caprolactam	8.60	113	127705	41.488	ng		99
36) 4-Chloro-3-methylphenol	8.70	107	408085	41.217	ng		99
37) 2-Methylnaphthalene	8.85	142	846857	40.217	ng		99
38) 1-Methylnaphthalene	8.95	142	804300	40.374	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	387366	41.695	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	129467	34.666 ng		99
43) 2,4,6-Trichlorophenol	9.13	196	262606	41.066 ng		100
44) 2,4,5-Trichlorophenol	9.18	196	278629	42.151 ng		98
46) 1,1'-Biphenyl	9.32	154	1016978	41.451 ng		99
47) 2-Chloronaphthalene	9.35	162	834811	40.883 ng		98
48) 2-Nitroaniline	9.44	65	284753	42.189 ng		91
49) Acenaphthylene	9.76	152	1268020	42.565 ng		99
50) Dimethylphthalate	9.62	163	1021983	43.192 ng		100
51) 2,6-Dinitrotoluene	9.69	165	226592	44.066 ng		96
52) Acenaphthene	9.93	154	761371	41.660 ng		99
53) 3-Nitroaniline	9.86	138	264502	41.630 ng		97
54) 2,4-Dinitrophenol	9.97	184	89561	38.713 ng		90
55) Dibenzofuran	10.10	168	1114564	41.936 ng		97
56) 4-Nitrophenol	10.02	139	163422	40.151 ng		100
57) 2,4-Dinitrotoluene	10.09	165	294601	43.031 ng		97
58) Fluorene	10.45	166	875725	42.826 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	234194	42.112 ng		99
60) Diethylphthalate	10.32	149	957030	43.322 ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	439385	42.427 ng		98
62) 4-Nitroaniline	10.47	138	273815	41.701 ng		98
63) Azobenzene	10.60	77	972585	42.803 ng		97
65) 4,6-Dinitro-2-methylphenol	10.50	198	143184	40.035 ng		94
66) n-Nitrosodiphenylamine	10.56	169	792566	39.017 ng		99
67) 4-Bromophenyl-phenylether	10.93	248	284163	39.332 ng		92
68) Hexachlorobenzene	11.00	284	323288	38.698 ng		93
69) Atrazine	11.08	200	223012	33.371 ng		99
70) Pentachlorophenol	11.20	266	147339	36.327 ng		98
71) Phenanthrene	11.41	178	1309845	37.965 ng		100
72) Anthracene	11.46	178	1351602	38.709 ng		99
73) Carbazole	11.62	167	1249283	39.436 ng		100
74) Di-n-butylphthalate	11.94	149	1536984	41.591 ng		100
75) Fluoranthene	12.60	202	1422657	39.387 ng		97
77) Benzidine	12.72	184	642903	39.968 ng		98
78) Pyrene	12.83	202	1442023	40.178 ng		99
80) Butylbenzylphthalate	13.44	149	668450	44.029 ng		99
81) Benzo(a)anthracene	14.02	228	1218674	40.046 ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	431345	40.798 ng	#	99
83) Chrysene	14.06	228	1179239	39.913 ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	924427	46.856 ng		100
85) Di-n-octyl phthalate	14.61	149	1429628	45.622 ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	989087	39.859 ng		99
88) Benzo(b)fluoranthene	15.07	252	1014117	39.671 ng		97
89) Benzo(k)fluoranthene	15.10	252	993464	39.900 ng		99
90) Benzo(a)pyrene	15.44	252	911209	39.875 ng		100
91) Dibenzo(a,h)anthracene	16.99	278	816629	41.285 ng		99
92) Benzo(g,h,i)perylene	17.43	276	811136	41.755 ng		99

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

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