Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080319\
Data File : BF115970.D
Acq On : 3 Aug 2019 10:07
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 05 01:14:37 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	6.86	152	171437	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	726685	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	369167	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	718081	20.00	ng		0.00
76) Chrysene-d12	14.03	240	499303	20.00	ng		0.00
87) Perylene-d12	15.50	264	463466	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	822163	80.28	ng		0.00
7) Phenol-d6	6.49	99	1043463	80.76	ng		0.00
23) Nitrobenzene-d5	7.42	82	979499	77.80	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	304070	84.96	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1609483	81.66	ng		0.00
79) Terphenyl-d14	12.97	244	1888232	79.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	199171	38.498	ng		100
3) Pyridine	3.36	79	531172	36.754	ng		99
4) n-Nitrosodimethylamine	3.32	42	223810	39.243	ng		95
6) Aniline	6.52	93	725597	39.213	ng		100
8) 2-Chlorophenol	6.65	128	471404	41.628	ng		99
9) Benzaldehyde	6.40	77	334780	37.552	ng		98
10) Phenol	6.50	94	612787	40.274	ng		91
11) bis(2-Chloroethyl)ether	6.59	93	470875	42.093	ng		98
12) 1,3-Dichlorobenzene	6.80	146	521608	39.856	ng		99
13) 1,4-Dichlorobenzene	6.87	146	523669	39.963	ng		98
14) 1,2-Dichlorobenzene	7.03	146	484200	40.129	ng		99
15) Benzyl Alcohol	7.00	79	413037	42.124	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	631800	41.407	ng		94
17) 2-Methylphenol	7.11	107	395342	41.230	ng		99
18) Hexachloroethane	7.37	117	197177	40.869	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	333741	41.683	ng		99
20) 3+4-Methylphenols	7.26	107	460380	40.572	ng	#	89
22) Acetophenone	7.27	105	618322	38.797	ng		99
24) Nitrobenzene	7.44	77	539889	39.717	ng		99
25) Isophorone	7.68	82	978678	40.656	ng		98
26) 2-Nitrophenol	7.76	139	268068	41.836	ng		96
27) 2,4-Dimethylphenol	7.79	122	375590	38.961	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	609211	40.831	ng		99
29) 2,4-Dichlorophenol	8.00	162	410476	40.327	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	458906	39.551	ng		99
31) Naphthalene	8.16	128	1362240	39.836	ng		99
32) Benzoic acid	7.95	122	222549	32.744	ng		97
33) 4-Chloroaniline	8.20	127	606661	39.705	ng		98
34) Hexachlorobutadiene	8.27	225	266202	39.832	ng		98
35) Caprolactam	8.60	113	133264	40.480	ng		97
36) 4-Chloro-3-methylphenol	8.70	107	437996	41.363	ng		96
37) 2-Methylnaphthalene	8.85	142	897868	39.868	ng		99
38) 1-Methylnaphthalene	8.95	142	860478	40.387	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	417600	42.313	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	136739	34.500	ng		99
43) 2,4,6-Trichlorophenol	9.14	196	280307	41.263	ng		100
44) 2,4,5-Trichlorophenol	9.18	196	292534	41.659	ng		96
46) 1,1'-Biphenyl	9.32	154	1083633	41.577	ng		99
47) 2-Chloronaphthalene	9.35	162	899474	41.465	ng		98
48) 2-Nitroaniline	9.45	65	304848	42.517	ng		97
49) Acenaphthylene	9.76	152	1351509	42.706	ng		99
50) Dimethylphthalate	9.62	163	1107697	44.068	ng		100
51) 2,6-Dinitrotoluene	9.69	165	239378	43.822	ng		94
52) Acenaphthene	9.93	154	809442	41.692	ng		99
53) 3-Nitroaniline	9.86	138	282485	41.852	ng		92
54) 2,4-Dinitrophenol	9.97	184	93260	38.102	ng		97
55) Dibenzofuran	10.10	168	1185050	41.972	ng		96
56) 4-Nitrophenol	10.02	139	168437	38.956	ng		97
57) 2,4-Dinitrotoluene	10.09	165	315118	43.328	ng		91
58) Fluorene	10.45	166	933676	42.982	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	249778	42.279	ng		98
60) Diethylphthalate	10.32	149	1029536	43.870	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	473835	43.070	ng		97
62) 4-Nitroaniline	10.47	138	290878	41.701	ng		99
63) Azobenzene	10.60	77	1061910	43.993	ng		98
65) 4,6-Dinitro-2-methylphenol	10.51	198	148887	39.126	ng		97
66) n-Nitrosodiphenylamine	10.56	169	848791	39.271	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	307436	39.994	ng		94
68) Hexachlorobenzene	11.00	284	343282	38.619	ng		97
69) Atrazine	11.09	200	236499	33.261	ng		97
70) Pentachlorophenol	11.20	266	151204	35.037	ng		98
71) Phenanthrene	11.41	178	1412864	38.487	ng		99
72) Anthracene	11.46	178	1435676	38.643	ng		99
73) Carbazole	11.62	167	1315565	39.031	ng		100
74) Di-n-butylphthalate	11.94	149	1627977	41.404	ng		99
75) Fluoranthene	12.60	202	1484427	38.625	ng		97
77) Benzidine	12.72	184	673088	39.902	ng		98
78) Pyrene	12.83	202	1509674	40.110	ng		100
80) Butylbenzylphthalate	13.44	149	690712	43.383	ng		99
81) Benzo(a)anthracene	14.02	228	1294758	40.571	ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	436143	39.337	ng	#	98
83) Chrysene	14.06	228	1235955	39.891	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	940052	45.436	ng		100
85) Di-n-octyl phthalate	14.61	149	1430822	43.540	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	997956	38.350	ng		99
88) Benzo(b)fluoranthene	15.07	252	1088668	40.625	ng		97
89) Benzo(k)fluoranthene	15.10	252	1032782	39.568	ng		99
90) Benzo(a)pyrene	15.44	252	957716	39.979	ng		98
91) Dibenzo(a,h)anthracene	17.00	278	814466	39.278	ng		98
92) Benzo(g,h,i)perylene	17.43	276	784602	38.527	ng		99

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

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