Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115933.D
Acq On : 2 Aug 2019 9:03
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 02 16:40:48 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	156189	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	675802	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	350010	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	678689	20.00	ng		0.00
76) Chrysene-d12	14.03	240	457206	20.00	ng		0.00
87) Perylene-d12	15.50	264	426672	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	776501	83.23	ng		0.00
7) Phenol-d6	6.49	99	992819	84.34	ng		0.00
23) Nitrobenzene-d5	7.42	82	915555	78.20	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	290239	85.53	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1526315	81.68	ng		0.00
79) Terphenyl-d14	12.97	244	1741332	80.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	190298	40.374	ng		100
3) Pyridine	3.37	79	518929	39.413	ng		98
4) n-Nitrosodimethylamine	3.33	42	214367	41.256	ng		100
6) Aniline	6.52	93	689076	40.875	ng		100
8) 2-Chlorophenol	6.65	128	441489	42.792	ng		98
9) Benzaldehyde	6.40	77	303544	37.373	ng		98
10) Phenol	6.50	94	578920	41.763	ng		93
11) bis(2-Chloroethyl)ether	6.59	93	433333	42.519	ng		97
12) 1,3-Dichlorobenzene	6.80	146	482793	40.491	ng		99
13) 1,4-Dichlorobenzene	6.87	146	487991	40.876	ng		98
14) 1,2-Dichlorobenzene	7.03	146	451613	41.083	ng		98
15) Benzyl Alcohol	7.00	79	391297	43.802	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	581500	41.831	ng		97
17) 2-Methylphenol	7.11	107	376898	43.143	ng		99
18) Hexachloroethane	7.37	117	177902	40.474	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	310754	42.602	ng		99
20) 3+4-Methylphenols	7.26	107	432810	41.866	ng	#	87
22) Acetophenone	7.27	105	578145	39.008	ng	#	98
24) Nitrobenzene	7.44	77	504246	39.888	ng		98
25) Isophorone	7.68	82	898758	40.147	ng		99
26) 2-Nitrophenol	7.76	139	252817	42.426	ng		93
27) 2,4-Dimethylphenol	7.79	122	353039	39.379	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	552319	39.805	ng		99
29) 2,4-Dichlorophenol	8.00	162	384487	40.618	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	424239	39.316	ng		99
31) Naphthalene	8.16	128	1265564	39.795	ng		99
32) Benzoic acid	7.94	122	215023	34.019	ng		99
33) 4-Chloroaniline	8.20	127	575202	40.481	ng		98
34) Hexachlorobutadiene	8.27	225	239872	38.594	ng		99
35) Caprolactam	8.60	113	129533	42.309	ng		97
36) 4-Chloro-3-methylphenol	8.70	107	413024	41.941	ng		100
37) 2-Methylnaphthalene	8.85	142	841683	40.187	ng		99
38) 1-Methylnaphthalene	8.95	142	800153	40.383	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	387538	41.416	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	124183	33.296	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	263070	40.845	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	279307	41.952	ng		99
46) 1,1'-Biphenyl	9.32	154	1011611	40.938	ng		99
47) 2-Chloronaphthalene	9.35	162	841829	40.932	ng		99
48) 2-Nitroaniline	9.44	65	288679	42.465	ng		90
49) Acenaphthylene	9.76	152	1267840	42.255	ng		99
50) Dimethylphthalate	9.62	163	1013624	42.533	ng		100
51) 2,6-Dinitrotoluene	9.69	165	225433	43.528	ng		99
52) Acenaphthene	9.93	154	760625	41.322	ng		99
53) 3-Nitroaniline	9.86	138	266741	41.682	ng		93
54) 2,4-Dinitrophenol	9.97	184	91008	38.988	ng		93
55) Dibenzofuran	10.10	168	1125312	42.038	ng		97
56) 4-Nitrophenol	10.02	139	169914	41.448	ng		99
57) 2,4-Dinitrotoluene	10.09	165	292584	42.431	ng		94
58) Fluorene	10.45	166	878649	42.662	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	227988	40.703	ng		99
60) Diethylphthalate	10.32	149	951849	42.780	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	437459	41.940	ng		98
62) 4-Nitroaniline	10.47	138	277595	41.975	ng		97
63) Azobenzene	10.60	77	977511	42.713	ng		97
65) 4,6-Dinitro-2-methylphenol	10.50	198	141419	39.320	ng		93
66) n-Nitrosodiphenylamine	10.56	169	787879	38.569	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	277140	38.145	ng		95
68) Hexachlorobenzene	11.00	284	314598	37.447	ng		96
69) Atrazine	11.08	200	216720	32.248	ng		98
70) Pentachlorophenol	11.20	266	144839	35.510	ng		98
71) Phenanthrene	11.41	178	1312388	37.825	ng		100
72) Anthracene	11.46	178	1351153	38.479	ng		99
73) Carbazole	11.62	167	1235983	38.798	ng		100
74) Di-n-butylphthalate	11.94	149	1474132	39.667	ng		100
75) Fluoranthene	12.60	202	1390126	38.271	ng		97
77) Benzidine	12.72	184	622975	40.332	ng		98
78) Pyrene	12.83	202	1409569	40.899	ng		99
80) Butylbenzylphthalate	13.44	149	629857	43.204	ng		100
81) Benzo(a)anthracene	14.02	228	1190198	40.728	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	401894	39.585	ng	#	98
83) Chrysene	14.06	228	1115748	39.327	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	832796	43.959	ng		100
85) Di-n-octyl phthalate	14.61	149	1286943	42.768	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	990194	41.555	ng		99
88) Benzo(b)fluoranthene	15.07	252	1023460	41.485	ng		99
89) Benzo(k)fluoranthene	15.10	252	914403	38.053	ng		98
90) Benzo(a)pyrene	15.44	252	885557	40.155	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	803958	42.114	ng		99
92) Benzo(g,h,i)perylene	17.43	276	802604	42.810	ng		99

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

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