Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115500.D
Acq On : 11 Jul 2019 17:35
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 12 03:12:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	199514	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	835113	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	419358	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	822147	20.00	ng		0.00
76) Chrysene-d12	14.06	240	562871	20.00	ng		0.00
87) Perylene-d12	15.54	264	556656	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	945382	73.21	ng		0.00
7) Phenol-d6	6.53	99	1212785	73.85	ng		0.00
23) Nitrobenzene-d5	7.46	82	1120008	79.24	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	384779	82.99	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1896405	79.35	ng		0.00
79) Terphenyl-d14	13.01	244	2145923	78.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	226492	35.758	ng		99
3) Pyridine	3.45	79	629992	35.970	ng		99
4) n-Nitrosodimethylamine	3.40	42	229355	32.293	ng		97
6) Aniline	6.56	93	855348	36.907	ng		98
8) 2-Chlorophenol	6.69	128	551316	37.810	ng		94
9) Benzaldehyde	6.45	77	361258	37.816	ng		99
10) Phenol	6.54	94	708011	36.032	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	533660	36.609	ng		99
12) 1,3-Dichlorobenzene	6.84	146	608021	38.061	ng		99
13) 1,4-Dichlorobenzene	6.92	146	611160	38.194	ng		98
14) 1,2-Dichlorobenzene	7.07	146	566572	38.244	ng		99
15) Benzyl Alcohol	7.03	79	499830	37.927	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	720591	35.354	ng		99
17) 2-Methylphenol	7.15	107	479734	38.404	ng		100
18) Hexachloroethane	7.42	117	226397	37.980	ng		99
19) n-Nitroso-di-n-propylamine	7.32	70	395007	35.551	ng		99
20) 3+4-Methylphenols	7.30	107	552728	37.459	ng		97
22) Acetophenone	7.31	105	723568	36.159	ng	#	92
24) Nitrobenzene	7.48	77	615383	38.551	ng		99
25) Isophorone	7.72	82	1121161	36.595	ng		100
26) 2-Nitrophenol	7.79	139	317873	48.436	ng		99
27) 2,4-Dimethylphenol	7.83	122	437188	34.936	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	691624	36.609	ng		99
29) 2,4-Dichlorophenol	8.03	162	487604	39.121	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	543343	39.158	ng		98
31) Naphthalene	8.20	128	1565000	37.729	ng		99
32) Benzoic acid	7.96	122	303908	35.182	ng		98
33) 4-Chloroaniline	8.25	127	711726	38.456	ng		99
34) Hexachlorobutadiene	8.32	225	313014	39.778	ng		99
35) Caprolactam	8.63	113	160325	39.494	ng		97
36) 4-Chloro-3-methylphenol	8.73	107	509953	38.680	ng		99
37) 2-Methylnaphthalene	8.89	142	1047258	37.772	ng		100
38) 1-Methylnaphthalene	8.99	142	997454	37.706	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	479379	39.735	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	260071	37.193 ng		99
43) 2,4,6-Trichlorophenol	9.17	196	352449	40.128 ng		97
44) 2,4,5-Trichlorophenol	9.21	196	367866	40.392 ng		99
46) 1,1'-Biphenyl	9.36	154	1257022	38.129 ng		99
47) 2-Chloronaphthalene	9.38	162	1054719	38.709 ng		98
48) 2-Nitroaniline	9.47	65	335687	41.933 ng		99
49) Acenaphthylene	9.80	152	1586713	38.462 ng		99
50) Dimethylphthalate	9.66	163	1223844	38.882 ng		100
51) 2,6-Dinitrotoluene	9.72	165	288541	42.269 ng		99
52) Acenaphthene	9.97	154	1014913	39.091 ng		98
53) 3-Nitroaniline	9.89	138	332027	41.878 ng		99
54) 2,4-Dinitrophenol	9.99	184	142273	52.138 ng		98
55) Dibenzofuran	10.15	168	1400855	38.303 ng		99
56) 4-Nitrophenol	10.04	139	259169	42.250 ng		94
57) 2,4-Dinitrotoluene	10.12	165	381141	43.933 ng	#	86
58) Fluorene	10.49	166	1026813	35.615 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	320551	40.743 ng		99
60) Diethylphthalate	10.36	149	1184191	38.223 ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	543253	38.606 ng		98
62) 4-Nitroaniline	10.50	138	329583	42.350 ng		97
63) Azobenzene	10.64	77	1147672	35.936 ng		98
65) 4,6-Dinitro-2-methylphenol	10.53	198	192126	48.675 ng		98
66) n-Nitrosodiphenylamine	10.59	169	979210	37.801 ng		99
67) 4-Bromophenyl-phenylether	10.97	248	357933	38.800 ng		97
68) Hexachlorobenzene	11.04	284	410061	39.613 ng		98
69) Atrazine	11.12	200	327419	40.841 ng		98
70) Pentachlorophenol	11.22	266	259764	41.176 ng		99
71) Phenanthrene	11.45	178	1615895	37.372 ng		99
72) Anthracene	11.50	178	1652695	38.117 ng		100
73) Carbazole	11.65	167	1501892	37.863 ng		100
74) Di-n-butylphthalate	11.98	149	1789640	37.332 ng		99
75) Fluoranthene	12.63	202	1715099	37.672 ng		99
77) Benzidine	12.74	184	785843	35.802 ng		99
78) Pyrene	12.86	202	1736465	39.671 ng		99
80) Butylbenzylphthalate	13.48	149	771480	40.339 ng		95
81) Benzo(a)anthracene	14.05	228	1435540	39.804 ng		100
82) 3,3'-Dichlorobenzidine	14.01	252	529071	40.429 ng		99
83) Chrysene	14.09	228	1432467	38.657 ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	950747	40.143 ng		99
85) Di-n-octyl phthalate	14.65	149	1628170	38.616 ng		99
86) Indeno(1,2,3-cd)pyrene	17.03	276	1288382	42.067 ng		99
88) Benzo(b)fluoranthene	15.10	252	1407912	38.846 ng		99
89) Benzo(k)fluoranthene	15.14	252	1216991	37.757 ng		99
90) Benzo(a)pyrene	15.48	252	1198935	38.354 ng		98
91) Dibenzo(a,h)anthracene	17.04	278	1047792	39.225 ng		99
92) Benzo(g,h,i)perylene	17.48	276	1019890	40.338 ng		99

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

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