Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
Data File : BF118885.D
Acq On : 11 Feb 2020 15:33
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 12 06:48:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	359279	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	989891	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	546670	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	1023220	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	745539	20.00	ng		0.00
87) Perylene-d12	15.42	264	735101	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1555631	81.96	ng		0.00
7) Phenol-d6	6.45	99	1960225	83.20	ng		0.00
23) Nitrobenzene-d5	7.37	82	1778727	107.10	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	526202	80.45	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	2476658	80.99	ng		-0.01
79) Terphenyl-d14	12.92	244	2956800	81.46	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	376924	43.576	ng		99
3) Pyridine	3.30	79	1044422	43.484	ng		99
4) n-Nitrosodimethylamine	3.25	42	395836	45.265	ng		97
6) Aniline	6.47	93	1237230	40.772	ng		95
8) 2-Chlorophenol	6.60	128	875560	41.416	ng		98
9) Benzaldehyde	6.36	77	553352	41.098	ng		98
10) Phenol	6.46	94	1054583	40.255	ng		80
11) bis(2-Chloroethyl)ether	6.55	93	833055	41.564	ng		98
12) 1,3-Dichlorobenzene	6.75	146	1022349	40.628	ng		99
13) 1,4-Dichlorobenzene	6.83	146	1020111	40.641	ng		99
14) 1,2-Dichlorobenzene	6.98	146	930838	38.821	ng		98
15) Benzyl Alcohol	6.95	79	736100	40.419	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1011646	41.216	ng		95
17) 2-Methylphenol	7.07	107	709939	40.392	ng		99
18) Hexachloroethane	7.32	117	355220	39.430	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	562592	39.026	ng		98
20) 3+4-Methylphenols	7.22	107	811582	36.839	ng	#	85
22) Acetophenone	7.22	105	1135482	52.797	ng		99
24) Nitrobenzene	7.39	77	893109	53.832	ng		99
25) Isophorone	7.63	82	1166667	39.088	ng		99
26) 2-Nitrophenol	7.71	139	368920	41.730	ng		96
27) 2,4-Dimethylphenol	7.75	122	480717	40.029	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	754204	38.968	ng		99
29) 2,4-Dichlorophenol	7.96	162	578073	40.194	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	668531	39.769	ng		99
31) Naphthalene	8.12	128	1832874	40.484	ng		100
32) Benzoic acid	7.89	122	373233	37.538	ng		99
33) 4-Chloroaniline	8.16	127	812185	40.097	ng		99
34) Hexachlorobutadiene	8.23	225	401399	38.975	ng		99
35) Caprolactam	8.55	113	186206	39.939	ng		93
36) 4-Chloro-3-methylphenol	8.65	107	582501	40.246	ng		99
37) 2-Methylnaphthalene	8.80	142	1251169	39.847	ng		97
38) 1-Methylnaphthalene	8.90	142	1174618	39.766	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	665021	40.307	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	236807	36.604	ng		100
43) 2,4,6-Trichlorophenol	9.09	196	435680	39.489	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	454253	40.295	ng		96
46) 1,1'-Biphenyl	9.27	154	1538788	40.692	ng		100
47) 2-Chloronaphthalene	9.29	162	1270533	40.415	ng		99
48) 2-Nitroaniline	9.39	65	378423	41.735	ng		91
49) Acenaphthylene	9.71	152	1864336	41.072	ng		99
50) Dimethylphthalate	9.57	163	1511385	40.603	ng		99
51) 2,6-Dinitrotoluene	9.63	165	349043	40.982	ng		93
52) Acenaphthene	9.88	154	1119608	37.431	ng		100
53) 3-Nitroaniline	9.80	138	393565	41.666	ng		94
54) 2,4-Dinitrophenol	9.91	184	159280	38.901	ng		92
55) Dibenzofuran	10.05	168	1686936	39.025	ng		99
56) 4-Nitrophenol	9.97	139	252788	36.978	ng		97
57) 2,4-Dinitrotoluene	10.04	165	461210	40.919	ng		97
58) Fluorene	10.40	166	1280945	39.389	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	381983	38.799	ng		99
60) Diethylphthalate	10.27	149	1409678	38.947	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	683613	38.762	ng		100
62) 4-Nitroaniline	10.42	138	399714	42.257	ng		99
63) Azobenzene	10.55	77	1222206	39.552	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	240638	41.853	ng		86
66) n-Nitrosodiphenylamine	10.50	169	1184875	39.977	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	477977	39.488	ng		99
68) Hexachlorobenzene	10.95	284	552899	39.824	ng	#	93
69) Atrazine	11.03	200	374765	37.953	ng		98
70) Pentachlorophenol	11.14	266	245305	33.463	ng		98
71) Phenanthrene	11.36	178	1976956	39.269	ng		99
72) Anthracene	11.41	178	1965267	39.240	ng		99
73) Carbazole	11.56	167	1802680	41.013	ng		99
74) Di-n-butylphthalate	11.89	149	2106918	37.629	ng		99
75) Fluoranthene	12.54	202	2107041	38.333	ng		100
77) Benzidine	12.66	184	818579	36.302	ng		99
78) Pyrene	12.77	202	2136914	41.781	ng		100
80) Butylbenzylphthalate	13.39	149	926848	39.703	ng		100
81) Benzo(a)anthracene	13.96	228	1850971	41.722	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	738988	40.727	ng		100
83) Chrysene	14.00	228	1821747	40.914	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1152415	38.910	ng		100
85) Di-n-octyl phthalate	14.56	149	1896112	37.370	ng		100
86) Indeno(1,2,3-cd)pyrene	16.86	276	1602615	35.823	ng		100
88) Benzo(b)fluoranthene	15.00	252	1915869	42.001	ng		99
89) Benzo(k)fluoranthene	15.03	252	1568232	39.481	ng		99
90) Benzo(a)pyrene	15.36	252	1557610	39.901	ng		100
91) Dibenzo(a,h)anthracene	16.87	278	1315861	37.971	ng		99
92) Benzo(g,h,i)perylene	17.29	276	1279325	38.386	ng		99

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

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