Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119591.D
Acq On : 28 Mar 2020 2:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 28 03:33:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	360773	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1352926	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	686720	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1332191	20.00	ng		0.00
76) Chrysene-d12	14.01	240	866056	20.00	ng		0.00
87) Perylene-d12	15.47	264	722812	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1710419	75.47	ng		0.00
7) Phenol-d6	6.46	99	2211987	76.41	ng		0.00
23) Nitrobenzene-d5	7.40	82	2039779	81.94	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	656849	92.71	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	3517859	75.89	ng		0.00
79) Terphenyl-d14	12.96	244	3908082	88.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	406574	36.324	ng		100
3) Pyridine	3.30	79	1104518	35.819	ng		95
4) n-Nitrosodimethylamine	3.25	42	522556	34.750	ng		94
6) Aniline	6.50	93	1517328	37.975	ng		98
8) 2-Chlorophenol	6.62	128	948293	39.840	ng		98
9) Benzaldehyde	6.38	77	670149	36.490	ng		96
10) Phenol	6.47	94	1269357	41.092	ng		99
11) bis(2-Chloroethyl)ether	6.57	93	1023216	41.416	ng		99
12) 1,3-Dichlorobenzene	6.77	146	1022262	39.682	ng		96
13) 1,4-Dichlorobenzene	6.85	146	1061467	41.193	ng		98
14) 1,2-Dichlorobenzene	7.01	146	998162	41.443	ng		98
15) Benzyl Alcohol	6.97	79	871848	40.035	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1969121	39.514	ng		98
17) 2-Methylphenol	7.09	107	928152	42.559	ng		99
18) Hexachloroethane	7.35	117	389924	41.292	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	717318	41.108	ng		100
20) 3+4-Methylphenols	7.25	107	1064647	39.834	ng	#	79
22) Acetophenone	7.25	105	1256577	38.870	ng		99
24) Nitrobenzene	7.42	77	1044107	39.247	ng		98
25) Isophorone	7.66	82	2006757	39.739	ng		99
26) 2-Nitrophenol	7.73	139	524859	50.106	ng		96
27) 2,4-Dimethylphenol	7.77	122	749680	34.612	ng		95
28) bis(2-Chloroethoxy)methane	7.87	93	1185603	39.704	ng		99
29) 2,4-Dichlorophenol	7.97	162	822906	41.349	ng		100
30) 1,2,4-Trichlorobenzene	8.06	180	887131	40.307	ng		99
31) Naphthalene	8.15	128	2813223	40.406	ng		99
32) Benzoic acid	7.90	122	689992	49.523	ng		96
33) 4-Chloroaniline	8.19	127	1237103	38.778	ng		98
34) Hexachlorobutadiene	8.26	225	527827	42.863	ng		99
35) Caprolactam	8.57	113	257455	39.528	ng		98
36) 4-Chloro-3-methylphenol	8.67	107	880460	40.478	ng		96
37) 2-Methylnaphthalene	8.83	142	1855310	40.604	ng		99
38) 1-Methylnaphthalene	8.93	142	1731550	40.037	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	846572	42.059	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	448872	39.226 ng		99
43) 2,4,6-Trichlorophenol	9.11	196	614619	42.669 ng		98
44) 2,4,5-Trichlorophenol	9.15	196	686430	42.540 ng		96
46) 1,1'-Biphenyl	9.30	154	2258505	40.381 ng		98
47) 2-Chloronaphthalene	9.33	162	1766242	40.316 ng		99
48) 2-Nitroaniline	9.42	65	662594	43.817 ng		95
49) Acenaphthylene	9.75	152	2710690	39.400 ng		100
50) Dimethylphthalate	9.61	163	2025622	41.527 ng		100
51) 2,6-Dinitrotoluene	9.66	165	478694	45.785 ng	#	87
52) Acenaphthene	9.92	154	1757163	40.969 ng		99
53) 3-Nitroaniline	9.83	138	549796	41.652 ng		97
54) 2,4-Dinitrophenol	9.93	184	219844	51.450 ng		93
55) Dibenzofuran	10.09	168	2510965	40.833 ng		97
56) 4-Nitrophenol	9.99	139	422209	40.547 ng		95
57) 2,4-Dinitrotoluene	10.07	165	636535	48.329 ng		92
58) Fluorene	10.43	166	1860842	40.921 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	527325	43.720 ng		98
60) Diethylphthalate	10.30	149	2130832	43.041 ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	942286	42.374 ng		97
62) 4-Nitroaniline	10.45	138	547141	43.226 ng		100
63) Azobenzene	10.58	77	2080098	41.724 ng		99
65) 4,6-Dinitro-2-methylphenol	10.47	198	315450	56.469 ng		85
66) n-Nitrosodiphenylamine	10.55	169	1763938	40.334 ng		99
67) 4-Bromophenyl-phenylether	10.92	248	649826	42.831 ng		93
68) Hexachlorobenzene	10.98	284	680004	43.792 ng	#	91
69) Atrazine	11.07	200	532113	44.381 ng		99
70) Pentachlorophenol	11.17	266	405454	44.531 ng		95
71) Phenanthrene	11.39	178	2758846	39.938 ng		99
72) Anthracene	11.45	178	2792165	39.771 ng		99
73) Carbazole	11.60	167	2707859	38.967 ng		100
74) Di-n-butylphthalate	11.93	149	3255692	43.797 ng		99
75) Fluoranthene	12.58	202	2895767	38.735 ng		99
77) Benzidine	12.70	184	1312342	35.806 ng		99
78) Pyrene	12.81	202	2971055	41.801 ng		99
80) Butylbenzylphthalate	13.43	149	1416751	49.283 ng		98
81) Benzo(a)anthracene	14.00	228	2198440	39.036 ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	867707	39.076 ng		99
83) Chrysene	14.04	228	2309822	39.740 ng		100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1755525	51.228 ng		99
85) Di-n-octyl phthalate	14.60	149	2896688	48.062 ng		100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2031402	37.110 ng		99
88) Benzo(b)fluoranthene	15.04	252	1999615	41.414 ng		97
89) Benzo(k)fluoranthene	15.07	252	2009100	43.699 ng		99
90) Benzo(a)pyrene	15.41	252	1829559	41.695 ng		99
91) Dibenzo(a,h)anthracene	16.96	278	1685612	43.919 ng		98
92) Benzo(g,h,i)perylene	17.38	276	1721376	44.644 ng		97

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

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