Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119589.D
Acq On : 28 Mar 2020 1:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Mar 28 03:33:02 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	360095	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1368261	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	725528	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1278250	20.00	ng	0.00
76) Chrysene-d12	14.01	240	876794	20.00	ng	0.00
87) Perylene-d12	15.47	264	708547	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1714260	75.78	ng	0.00
7) Phenol-d6	6.46	99	2352574	81.42	ng	0.00
23) Nitrobenzene-d5	7.40	82	2054109	81.59	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	644596	86.12	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3579916	73.10	ng	0.00
79) Terphenyl-d14	12.96	244	3879014	86.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.56	88	414176	37.073	ng	99
3) Pyridine	3.30	79	1129939	36.712	ng	96
4) n-Nitrosodimethylamine	3.26	42	540874	36.036	ng	96
6) Aniline	6.50	93	1618670	40.588	ng	99
8) 2-Chlorophenol	6.62	128	970742	40.860	ng	98
9) Benzaldehyde	6.38	77	737182	40.216	ng	96
10) Phenol	6.47	94	1363327	44.217	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	1013276	41.090	ng	99
12) 1,3-Dichlorobenzene	6.77	146	1041622	40.509	ng	97
13) 1,4-Dichlorobenzene	6.85	146	1053510	40.961	ng	98
14) 1,2-Dichlorobenzene	7.01	146	999120	41.560	ng	98
15) Benzyl Alcohol	6.97	79	886708	40.794	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	2015792	40.526	ng	99
17) 2-Methylphenol	7.09	107	905670	41.606	ng	98
18) Hexachloroethane	7.35	117	381301	40.455	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	749913	43.056	ng	98
20) 3+4-Methylphenols	7.24	107	1102477	41.327	ng	95
22) Acetophenone	7.25	105	1320308	40.384	ng	99
24) Nitrobenzene	7.42	77	1045521	38.859	ng	98
25) Isophorone	7.66	82	2029126	39.732	ng	98
26) 2-Nitrophenol	7.73	139	550366	51.952	ng	95
27) 2,4-Dimethylphenol	7.77	122	779996	35.608	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	1210848	40.095	ng	99
29) 2,4-Dichlorophenol	7.97	162	860269	42.742	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	894993	40.209	ng	98
31) Naphthalene	8.15	128	2762698	39.236	ng	100
32) Benzoic acid	7.90	122	718447	50.988	ng	94
33) 4-Chloroaniline	8.19	127	1268719	39.323	ng	98
34) Hexachlorobutadiene	8.26	225	519875	41.744	ng	99
35) Caprolactam	8.57	113	273472	41.516	ng	98
36) 4-Chloro-3-methylphenol	8.67	107	883871	40.179	ng	96
37) 2-Methylnaphthalene	8.83	142	1930833	41.783	ng	98
38) 1-Methylnaphthalene	8.93	142	1806951	41.312	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	844509	39.712	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	437555	36.192 ng		99
43) 2,4,6-Trichlorophenol	9.11	196	636928	41.853 ng		100
44) 2,4,5-Trichlorophenol	9.15	196	705047	41.357 ng		97
46) 1,1'-Biphenyl	9.30	154	2316925	39.210 ng		99
47) 2-Chloronaphthalene	9.33	162	1799011	38.867 ng		99
48) 2-Nitroaniline	9.42	65	688330	43.084 ng		94
49) Acenaphthylene	9.75	152	2756708	37.926 ng		99
50) Dimethylphthalate	9.61	163	2059048	39.955 ng		100
51) 2,6-Dinitrotoluene	9.66	165	499536	45.223 ng	#	86
52) Acenaphthene	9.92	154	1833119	40.454 ng		98
53) 3-Nitroaniline	9.83	138	573845	41.149 ng		97
54) 2,4-Dinitrophenol	9.93	184	209635	47.145 ng		93
55) Dibenzofuran	10.09	168	2509208	38.622 ng		97
56) 4-Nitrophenol	9.99	139	411517	37.406 ng		95
57) 2,4-Dinitrotoluene	10.07	165	625335	44.939 ng		93
58) Fluorene	10.43	166	1852271	38.554 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	523750	41.101 ng		98
60) Diethylphthalate	10.30	149	2112576	40.390 ng		100
61) 4-Chlorophenyl-phenylether	10.42	204	941628	40.080 ng		98
62) 4-Nitroaniline	10.45	138	547848	40.967 ng		97
63) Azobenzene	10.59	77	2005448	38.075 ng		95
65) 4,6-Dinitro-2-methylphenol	10.47	198	292843	54.634 ng		85
66) n-Nitrosodiphenylamine	10.55	169	1726636	41.147 ng		99
67) 4-Bromophenyl-phenylether	10.92	248	636098	43.695 ng		93
68) Hexachlorobenzene	10.98	284	640089	42.961 ng	#	92
69) Atrazine	11.07	200	512140	44.518 ng		99
70) Pentachlorophenol	11.17	266	391415	44.803 ng		98
71) Phenanthrene	11.39	178	2670574	40.292 ng		100
72) Anthracene	11.44	178	2691847	39.960 ng		99
73) Carbazole	11.60	167	2614145	39.206 ng		100
74) Di-n-butylphthalate	11.93	149	3217651	45.112 ng		99
75) Fluoranthene	12.58	202	2891914	40.316 ng		99
77) Benzidine	12.70	184	1215165	32.748 ng		99
78) Pyrene	12.81	202	2986402	41.502 ng		99
80) Butylbenzylphthalate	13.43	149	1415835	48.648 ng		98
81) Benzo(a)anthracene	14.00	228	2238881	39.267 ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	873773	38.867 ng		100
83) Chrysene	14.04	228	2327890	39.561 ng		100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1757646	50.661 ng		97
85) Di-n-octyl phthalate	14.60	149	2979088	48.824 ng		100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2085670	37.635 ng		98
88) Benzo(b)fluoranthene	15.04	252	1991819	42.083 ng		97
89) Benzo(k)fluoranthene	15.07	252	1947104	43.203 ng		98
90) Benzo(a)pyrene	15.41	252	1805493	41.975 ng		98
91) Dibenzo(a,h)anthracene	16.96	278	1719271	45.698 ng		99
92) Benzo(g,h,i)perylene	17.38	276	1676365	44.352 ng		98

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

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