Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118966.D
Acq On : 20 Feb 2020 18:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 21 02:10:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	195592	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	713929	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	378186	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	669673	20.00	ng	0.00
76) Chrysene-d12	13.91	240	477143	20.00	ng	0.00
87) Perylene-d12	15.33	264	454444	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	897411	76.68	ng	0.00
7) Phenol-d6	6.40	99	1097072	77.07	ng	0.00
23) Nitrobenzene-d5	7.33	82	1016290	75.16	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	362540	73.28	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1905293	74.22	ng	0.00
79) Terphenyl-d14	12.86	244	2116181	76.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.46	88	199517	38.288	ng	99
3) Pyridine	3.19	79	547182	38.449	ng	97
4) n-Nitrosodimethylamine	3.13	42	167360	38.821	ng	99
6) Aniline	6.43	93	680650	38.753	ng	98
8) 2-Chlorophenol	6.55	128	484854	38.387	ng	99
9) Benzaldehyde	6.31	77	375682	39.504	ng	97
10) Phenol	6.42	94	597563	38.829	ng	98
11) bis(2-Chloroethyl)ether	6.50	93	451227	38.320	ng	100
12) 1,3-Dichlorobenzene	6.70	146	579661	38.290	ng	99
13) 1,4-Dichlorobenzene	6.78	146	587992	38.814	ng	99
14) 1,2-Dichlorobenzene	6.93	146	539520	39.050	ng	99
15) Benzyl Alcohol	6.91	79	398981	38.783	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	394949	38.720	ng	99
17) 2-Methylphenol	7.02	107	391746	38.255	ng	97
18) Hexachloroethane	7.27	117	207361	38.260	ng	97
19) n-Nitroso-di-n-propylamine	7.18	70	313473	37.794	ng	98
20) 3+4-Methylphenols	7.17	107	464533	37.027	ng	97
22) Acetophenone	7.17	105	614040	37.173	ng	99
24) Nitrobenzene	7.35	77	502779	37.601	ng	100
25) Isophorone	7.59	82	870196	37.057	ng	100
26) 2-Nitrophenol	7.66	139	265279	37.444	ng	99
27) 2,4-Dimethylphenol	7.70	122	357137	37.143	ng	99
28) bis(2-Chloroethoxy)methane	7.79	93	569689	37.272	ng	99
29) 2,4-Dichlorophenol	7.90	162	429030	37.902	ng	99
30) 1,2,4-Trichlorobenzene	7.99	180	507366	37.804	ng	99
31) Naphthalene	8.06	128	1387704	37.480	ng	99
32) Benzoic acid	7.84	122	240066	36.135	ng	99
33) 4-Chloroaniline	8.12	127	591234	37.126	ng	100
34) Hexachlorobutadiene	8.19	225	315930	37.792	ng	99
35) Caprolactam	8.49	113	125500	36.007	ng	95
36) 4-Chloro-3-methylphenol	8.60	107	423826	36.997	ng	99
37) 2-Methylnaphthalene	8.76	142	929400	37.300	ng	100
38) 1-Methylnaphthalene	8.86	142	880878	37.591	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	489345	38.377	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	146316	37.217 ng	96
43) 2,4,6-Trichlorophenol	9.03	196	306222	38.030 ng	99
44) 2,4,5-Trichlorophenol	9.08	196	322604	38.180 ng	98
46) 1,1'-Biphenyl	9.22	154	1163492	38.066 ng	99
47) 2-Chloronaphthalene	9.25	162	948873	38.524 ng	100
48) 2-Nitroaniline	9.34	65	256681	37.363 ng	100
49) Acenaphthylene	9.66	152	1355972	38.117 ng	100
50) Dimethylphthalate	9.52	163	1070964	37.033 ng	100
51) 2,6-Dinitrotoluene	9.58	165	242462	37.737 ng	99
52) Acenaphthene	9.83	154	818235	38.145 ng	99
53) 3-Nitroaniline	9.75	138	264779	37.173 ng	98
54) 2,4-Dinitrophenol	9.86	184	97866	35.887 ng	99
55) Dibenzofuran	10.00	168	1220414	38.117 ng	99
56) 4-Nitrophenol	9.92	139	155166	36.257 ng	98
57) 2,4-Dinitrotoluene	9.99	165	315882	37.930 ng	99
58) Fluorene	10.35	166	934165	37.548 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	272892	38.276 ng	98
60) Diethylphthalate	10.22	149	1004110	36.844 ng	99
61) 4-Chlorophenyl-phenylether	10.33	204	498658	37.866 ng	99
62) 4-Nitroaniline	10.36	138	267475	36.703 ng	100
63) Azobenzene	10.49	77	884817	37.352 ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	154640	38.161 ng	100
66) n-Nitrosodiphenylamine	10.45	169	853334	38.916 ng	99
67) 4-Bromophenyl-phenylether	10.82	248	338666	38.689 ng	98
68) Hexachlorobenzene	10.89	284	390883	38.731 ng	100
69) Atrazine	10.98	200	283342	36.984 ng	98
70) Pentachlorophenol	11.09	266	152843	37.596 ng	99
71) Phenanthrene	11.30	178	1398340	38.289 ng	99
72) Anthracene	11.35	178	1385062	37.957 ng	99
73) Carbazole	11.50	167	1242384	38.217 ng	100
74) Di-n-butylphthalate	11.84	149	1472829	37.412 ng	100
75) Fluoranthene	12.49	202	1449305	37.386 ng	99
77) Benzidine	12.60	184	744337	38.358 ng	97
78) Pyrene	12.72	202	1467254	38.295 ng	100
80) Butylbenzylphthalate	13.33	149	597652	37.063 ng	99
81) Benzo(a)anthracene	13.90	228	1222657	37.608 ng	99
82) 3,3'-Dichlorobenzidine	13.86	252	472820	37.454 ng	99
83) Chrysene	13.94	228	1217516	37.584 ng	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	749606	36.796 ng	99
85) Di-n-octyl phthalate	14.50	149	1196589	36.865 ng	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	1076054	34.306 ng	99
88) Benzo(b)fluoranthene	14.93	252	1142732	38.149 ng	100
89) Benzo(k)fluoranthene	14.96	252	1118185	40.281 ng	99
90) Benzo(a)pyrene	15.27	252	1021197	37.774 ng	99
91) Dibenzo(a,h)anthracene	16.74	278	879346	36.967 ng	99
92) Benzo(g,h,i)perylene	17.15	276	870021	37.017 ng	100

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

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