Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
Data File : BF118864.D
Acq On : 10 Feb 2020 10:14
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 11 00:13:02 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	6.82	152	319056	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1184439	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	666772	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	1312899	20.00	ng		0.00
76) Chrysene-d12	13.98	240	943384	20.00	ng		0.00
87) Perylene-d12	15.42	264	982274	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1419515	84.22	ng		0.00
7) Phenol-d6	6.46	99	1796604	85.87	ng		0.00
23) Nitrobenzene-d5	7.39	82	1708417	85.97	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	665005	83.35	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	3153918	84.56	ng		0.00
79) Terphenyl-d14	12.92	244	3911159	85.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	315907	41.126	ng		100
3) Pyridine	3.29	79	906644	42.506	ng		99
4) n-Nitrosodimethylamine	3.24	42	340237	43.812	ng		94
6) Aniline	6.49	93	1140879	42.336	ng		98
8) 2-Chlorophenol	6.61	128	814119	43.365	ng		98
9) Benzaldehyde	6.37	77	502954	42.628	ng		100
10) Phenol	6.47	94	966576	41.547	ng		81
11) bis(2-Chloroethyl)ether	6.56	93	774065	43.489	ng		99
12) 1,3-Dichlorobenzene	6.76	146	949980	42.511	ng		98
13) 1,4-Dichlorobenzene	6.84	146	961011	43.113	ng		98
14) 1,2-Dichlorobenzene	6.99	146	878470	41.256	ng		98
15) Benzyl Alcohol	6.96	79	704296	43.548	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	946024	43.401	ng		97
17) 2-Methylphenol	7.08	107	685379	43.911	ng		98
18) Hexachloroethane	7.33	117	346405	43.299	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	548512	42.846	ng		100
20) 3+4-Methylphenols	7.23	107	752271	38.451	ng	#	86
22) Acetophenone	7.23	105	1083534	42.106	ng		98
24) Nitrobenzene	7.40	77	857748	43.208	ng		97
25) Isophorone	7.65	82	1519608	42.550	ng		98
26) 2-Nitrophenol	7.72	139	464159	43.879	ng		98
27) 2,4-Dimethylphenol	7.76	122	615390	42.827	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	997343	43.067	ng		100
29) 2,4-Dichlorophenol	7.96	162	750468	43.610	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	850067	42.262	ng		100
31) Naphthalene	8.12	128	2277552	42.043	ng		100
32) Benzoic acid	7.90	122	480714	40.406	ng		98
33) 4-Chloroaniline	8.17	127	1039962	42.910	ng		98
34) Hexachlorobutadiene	8.25	225	526327	42.711	ng		97
35) Caprolactam	8.56	113	244995	43.917	ng		96
36) 4-Chloro-3-methylphenol	8.66	107	756717	43.695	ng		98
37) 2-Methylnaphthalene	8.82	142	1593011	42.401	ng		97
38) 1-Methylnaphthalene	8.92	142	1495013	42.300	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	869114	43.189	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	287275	36.406	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	581993	43.249	ng		100
44) 2,4,5-Trichlorophenol	9.14	196	594484	43.236	ng		99
46) 1,1'-Biphenyl	9.28	154	1964467	42.591	ng		99
47) 2-Chloronaphthalene	9.30	162	1644714	42.893	ng		99
48) 2-Nitroaniline	9.40	65	500780	45.282	ng		95
49) Acenaphthylene	9.72	152	2409278	43.517	ng		100
50) Dimethylphthalate	9.58	163	2059010	45.352	ng		100
51) 2,6-Dinitrotoluene	9.64	165	467486	45.002	ng		94
52) Acenaphthene	9.89	154	1459796	40.014	ng		100
53) 3-Nitroaniline	9.81	138	508632	44.149	ng		94
54) 2,4-Dinitrophenol	9.92	184	208512	41.753	ng		99
55) Dibenzofuran	10.06	168	2124029	40.286	ng		99
56) 4-Nitrophenol	9.97	139	331644	39.775	ng		98
57) 2,4-Dinitrotoluene	10.05	165	610937	44.440	ng	#	87
58) Fluorene	10.40	166	1641467	41.384	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	513142	42.733	ng		99
60) Diethylphthalate	10.28	149	1925814	43.623	ng		100
61) 4-Chlorophenyl-phenylether	10.39	204	873595	40.612	ng		95
62) 4-Nitroaniline	10.43	138	520510	45.116	ng		97
63) Azobenzene	10.56	77	1642346	43.575	ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	311905	42.279	ng		98
66) n-Nitrosodiphenylamine	10.52	169	1578459	41.506	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	635917	40.945	ng		96
68) Hexachlorobenzene	10.96	284	716842	40.240	ng		99
69) Atrazine	11.04	200	523406	41.311	ng		100
70) Pentachlorophenol	11.15	266	360931	38.372	ng		98
71) Phenanthrene	11.36	178	2582184	39.974	ng		99
72) Anthracene	11.42	178	2618570	40.748	ng		100
73) Carbazole	11.57	167	2425673	43.011	ng		100
74) Di-n-butylphthalate	11.90	149	2956959	41.159	ng		99
75) Fluoranthene	12.55	202	2865698	40.632	ng		99
77) Benzidine	12.67	184	1163778	40.787	ng		99
78) Pyrene	12.78	202	2864582	44.262	ng		99
80) Butylbenzylphthalate	13.39	149	1317432	44.599	ng		99
81) Benzo(a)anthracene	13.97	228	2433248	43.345	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	984020	42.858	ng		99
83) Chrysene	14.00	228	2373874	42.133	ng		100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1619155	43.204	ng		99
85) Di-n-octyl phthalate	14.56	149	2649333	41.265	ng		99
86) Indeno(1,2,3-cd)pyrene	16.87	276	2266840	40.044	ng		100
88) Benzo(b)fluoranthene	15.00	252	2644465	43.386	ng		99
89) Benzo(k)fluoranthene	15.04	252	2203950	41.524	ng		100
90) Benzo(a)pyrene	15.36	252	2221125	42.580	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	1850623	39.964	ng		99
92) Benzo(g,h,i)perylene	17.30	276	1759225	39.503	ng		99

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

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