Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012320\
Data File : BF118677.D
Acq On : 23 Jan 2020 15:17
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 24 02:41:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	351252	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	1267360	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	716255	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	1345320	20.00	ng		-0.01
76) Chrysene-d12	14.04	240	1052239	20.00	ng		0.00
87) Perylene-d12	15.51	264	1051263	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1535447	81.19	ng		0.00
7) Phenol-d6	6.50	99	1961432	79.79	ng		0.00
23) Nitrobenzene-d5	7.44	82	1683142	74.28	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	654146	78.96	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	3278459	75.23	ng		0.00
79) Terphenyl-d14	12.99	244	3935369	81.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	363533	39.686	ng		95
3) Pyridine	3.41	79	1029756	39.885	ng		95
4) n-Nitrosodimethylamine	3.35	42	378322	34.179	ng		82
6) Aniline	6.54	93	1297120	40.075	ng		97
8) 2-Chlorophenol	6.66	128	853576	40.210	ng		98
9) Benzaldehyde	6.43	77	595083	39.807	ng		91
10) Phenol	6.52	94	1088514	38.857	ng		97
11) bis(2-Chloroethyl)ether	6.61	93	834758	40.163	ng		98
12) 1,3-Dichlorobenzene	6.82	146	1031636	41.521	ng		98
13) 1,4-Dichlorobenzene	6.90	146	1033648	41.443	ng		100
14) 1,2-Dichlorobenzene	7.05	146	964018	41.116	ng		98
15) Benzyl Alcohol	7.02	79	761726	39.076	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1083532	37.428	ng		98
17) 2-Methylphenol	7.13	107	709676	40.135	ng		98
18) Hexachloroethane	7.40	117	350228	38.725	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	598140	36.037	ng		97
20) 3+4-Methylphenols	7.28	107	845550	39.167	ng		92
22) Acetophenone	7.29	105	1166664	38.860	ng		99
24) Nitrobenzene	7.46	77	865520	37.306	ng		99
25) Isophorone	7.70	82	1594828	38.590	ng		99
26) 2-Nitrophenol	7.77	139	374219	37.824	ng		95
27) 2,4-Dimethylphenol	7.81	122	644592	37.730	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	1049501	39.412	ng		99
29) 2,4-Dichlorophenol	8.02	162	765725	40.545	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	896286	40.930	ng		99
31) Naphthalene	8.19	128	2432744	42.493	ng		98
32) Benzoic acid	7.93	122	446654	34.835	ng		97
33) 4-Chloroaniline	8.23	127	1100929	41.605	ng		98
34) Hexachlorobutadiene	8.30	225	538500	40.381	ng		98
35) Caprolactam	8.60	113	253606	41.033	ng	#	84
36) 4-Chloro-3-methylphenol	8.70	107	751756	40.309	ng		99
37) 2-Methylnaphthalene	8.87	142	1685179	41.701	ng		99
38) 1-Methylnaphthalene	8.97	142	1576346	41.059	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	910274	40.617	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	362011	32.016	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	578940	38.929	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	610737	40.211	ng		98
46) 1,1'-Biphenyl	9.34	154	2090513	42.349	ng		97
47) 2-Chloronaphthalene	9.36	162	1741929	41.866	ng		97
48) 2-Nitroaniline	9.45	65	458475	35.846	ng		94
49) Acenaphthylene	9.78	152	2506390	42.819	ng		97
50) Dimethylphthalate	9.64	163	1970458	42.226	ng		98
51) 2,6-Dinitrotoluene	9.69	165	410477	39.282	ng		90
52) Acenaphthene	9.95	154	1601479	40.916	ng		99
53) 3-Nitroaniline	9.86	138	472566	39.605	ng		99
54) 2,4-Dinitrophenol	9.97	184	159662	38.272	ng	#	31
55) Dibenzofuran	10.12	168	2291229	42.242	ng		97
56) 4-Nitrophenol	10.02	139	352277	39.109	ng		86
57) 2,4-Dinitrotoluene	10.10	165	528507	40.120	ng		96
58) Fluorene	10.46	166	1734724	40.739	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	534907	40.041	ng		97
60) Diethylphthalate	10.33	149	1882010	41.596	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	933797	40.321	ng		99
62) 4-Nitroaniline	10.47	138	496142	40.537	ng		94
63) Azobenzene	10.62	77	1737861	39.661	ng		93
65) 4,6-Dinitro-2-methylphenol	10.51	198	235804	39.861	ng		80
66) n-Nitrosodiphenylamine	10.57	169	1620946	39.953	ng		98
67) 4-Bromophenyl-phenylether	10.95	248	663208	39.902	ng		95
68) Hexachlorobenzene	11.02	284	751378	39.874	ng		96
69) Atrazine	11.10	200	558089	39.687	ng		99
70) Pentachlorophenol	11.20	266	397131	37.906	ng		98
71) Phenanthrene	11.43	178	2695082	41.524	ng		96
72) Anthracene	11.48	178	2679708	41.726	ng		96
73) Carbazole	11.63	167	2455416	41.683	ng		98
74) Di-n-butylphthalate	11.96	149	2802567	42.822	ng		98
75) Fluoranthene	12.62	202	2923061	42.700	ng		97
77) Benzidine	12.73	184	1373928	48.868	ng		100
78) Pyrene	12.84	202	2954549	41.358	ng		96
80) Butylbenzylphthalate	13.46	149	1225769	41.926	ng		97
81) Benzo(a)anthracene	14.03	228	2621385	41.414	ng		98
82) 3,3'-Dichlorobenzidine	13.99	252	1048523	46.487	ng		98
83) Chrysene	14.07	228	2552405	42.074	ng		97
84) Bis(2-ethylhexyl)phthalate	14.02	149	1532632	42.908	ng		98
85) Di-n-octyl phthalate	14.63	149	2477542	46.860	ng		97
86) Indeno(1,2,3-cd)pyrene	16.99	276	2408343	45.689	ng		98
88) Benzo(b)fluoranthene	15.08	252	2564895	38.815	ng		99
89) Benzo(k)fluoranthene	15.11	252	2494193	40.742	ng		99
90) Benzo(a)pyrene	15.45	252	2317373	40.654	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	1942334	38.522	ng		98
92) Benzo(g,h,i)perylene	17.43	276	1893348	38.674	ng		98

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

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