Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121194.D
Acq On : 6 Aug 2020 9:10
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 06 10:55:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	152931	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	552076	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	282222	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	522840	20.00	ng		0.00
76) Chrysene-d12	13.96	240	400721	20.00	ng		0.00
86) Perylene-d12	15.41	264	366507	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	719120	77.09	ng		0.00
7) Phenol-d6	6.44	99	922350	76.54	ng		0.00
23) Nitrobenzene-d5	7.36	82	778792	81.63	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	244291	79.08	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1348840	71.36	ng		0.00
79) Terphenyl-d14	12.91	244	1441139	78.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	169895	39.571	ng		99
3) Pyridine	3.23	79	456397	39.961	ng		99
4) n-Nitrosodimethylamine	3.19	42	189550	38.812	ng		96
6) Aniline	6.46	93	561703	35.709	ng		98
8) 2-Chlorophenol	6.59	128	402009	39.118	ng		98
9) Benzaldehyde	6.35	77	243357	42.329	ng		100
10) Phenol	6.45	94	490632	37.013	ng		98
11) bis(2-Chloroethyl)ether	6.53	93	395801	38.961	ng		98
12) 1,3-Dichlorobenzene	6.73	146	434245	38.968	ng		98
13) 1,4-Dichlorobenzene	6.82	146	435265	39.281	ng		99
14) 1,2-Dichlorobenzene	6.97	146	408366	38.955	ng		98
15) Benzyl Alcohol	6.95	79	311099	36.506	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	564826	38.574	ng		99
17) 2-Methylphenol	7.06	107	346533	38.044	ng		99
18) Hexachloroethane	7.30	117	159390	39.742	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	247996	36.192	ng		98
20) 3+4-Methylphenols	7.21	107	399750	34.500	ng		92
22) Acetophenone	7.21	105	491595	39.676	ng	#	99
24) Nitrobenzene	7.38	77	417872	40.636	ng		96
25) Isophorone	7.62	82	739941	38.859	ng		98
26) 2-Nitrophenol	7.70	139	215382	44.100	ng		98
27) 2,4-Dimethylphenol	7.74	122	314405	39.650	ng		100
28) bis(2-Chloroethoxy)methane	7.83	93	466596	40.142	ng		99
29) 2,4-Dichlorophenol	7.94	162	326346	40.275	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	363455	40.430	ng		98
31) Naphthalene	8.10	128	1109203	39.168	ng		99
32) Benzoic acid	7.87	122	239397	40.218	ng		99
33) 4-Chloroaniline	8.15	127	489625	38.758	ng		98
34) Hexachlorobutadiene	8.22	225	212134	40.028	ng		98
35) Caprolactam	8.54	113	104652	40.275	ng		86
36) 4-Chloro-3-methylphenol	8.64	107	337061	40.560	ng		100
37) 2-Methylnaphthalene	8.79	142	736051	40.030	ng		99
38) 1-Methylnaphthalene	8.89	142	683216	39.232	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	344675	41.917	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	154494	33.996	ng		100
43) 2,4,6-Trichlorophenol	9.07	196	228991	39.552	ng		97
44) 2,4,5-Trichlorophenol	9.12	196	258059	39.295	ng		99
46) 1,1'-Biphenyl	9.26	154	853920	39.666	ng		99
47) 2-Chloronaphthalene	9.29	162	696450	39.680	ng		99
48) 2-Nitroaniline	9.38	65	227502	42.891	ng		96
49) Acenaphthylene	9.70	152	1076172	39.468	ng		100
50) Dimethylphthalate	9.56	163	811298	39.847	ng		100
51) 2,6-Dinitrotoluene	9.63	165	183037	41.844	ng		90
52) Acenaphthene	9.87	154	639653	36.898	ng		99
53) 3-Nitroaniline	9.80	138	217670	39.676	ng		99
54) 2,4-Dinitrophenol	9.90	184	95096	41.376	ng		91
55) Dibenzofuran	10.05	168	960993	38.334	ng		97
56) 4-Nitrophenol	9.97	139	136222	32.687	ng		98
57) 2,4-Dinitrotoluene	10.03	165	239957	41.773	ng	#	86
58) Fluorene	10.39	166	720187	38.519	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	192710	38.540	ng		99
60) Diethylphthalate	10.26	149	792255	38.470	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	365306	36.631	ng		100
62) 4-Nitroaniline	10.41	138	221133	41.379	ng		96
63) Azobenzene	10.54	77	763448	38.940	ng		98
65) 4,6-Dinitro-2-methylphenol	10.44	198	129465	43.202	ng		95
66) n-Nitrosodiphenylamine	10.50	169	669477	40.704	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	241321	41.398	ng		95
68) Hexachlorobenzene	10.93	284	265396	42.088	ng	#	93
69) Atrazine	11.03	200	158885	39.006	ng		97
70) Pentachlorophenol	11.13	266	150009	41.525	ng		100
71) Phenanthrene	11.35	178	1063189	39.539	ng		99
72) Anthracene	11.40	178	1097258	40.637	ng		99
73) Carbazole	11.56	167	1087733	40.593	ng		100
74) Di-n-butylphthalate	11.89	149	1203688	38.926	ng		99
75) Fluoranthene	12.54	202	1172146	39.327	ng		100
77) Benzidine	12.66	184	327885	31.121	ng		98
78) Pyrene	12.76	202	1204411	42.512	ng		99
80) Butylbenzylphthalate	13.38	149	523234	41.429	ng		95
81) Benzo(a)anthracene	13.96	228	1032165	42.536	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	369513	40.363	ng		99
83) Chrysene	13.99	228	998462	39.154	ng		100
84) Bis(2-ethylhexyl)phthalate	13.94	149	652403	41.891	ng		100
85) Di-n-octyl phthalate	14.55	149	1105838	35.690	ng		99
87) Indeno(1,2,3-cd)pyrene	16.85	276	858226	33.670	ng		99
88) Benzo(b)fluoranthene	14.99	252	1006252	45.421	ng		99
89) Benzo(k)fluoranthene	15.02	252	857217	42.427	ng		99
90) Benzo(a)pyrene	15.35	252	850690	42.087	ng		99
91) Dibenzo(a,h)anthracene	16.86	278	701267	33.681	ng		99
92) Benzo(g,h,i)perylene	17.27	276	682670	33.253	ng		99

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

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