Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119870.D
Acq On : 9 Apr 2020 15:36
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 09 16:09:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 01:21:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	179956	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	672566	20.00	ng		0.00
39) Acenaphthene-d10	9.81	164	349892	20.00	ng		0.00
64) Phenanthrene-d10	11.30	188	652220	20.00	ng		0.00
76) Chrysene-d12	13.94	240	446370	20.00	ng		0.00
87) Perylene-d12	15.37	264	409144	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	839480	80.62	ng		0.00
7) Phenol-d6	6.40	99	1042784	77.72	ng		0.00
23) Nitrobenzene-d5	7.34	82	1023597	78.73	ng		0.00
42) 2,4,6-Tribromophenol	10.60	330	323372	75.49	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	1945698	78.95	ng		0.00
79) Terphenyl-d14	12.89	244	2214221	83.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	180345	38.885	ng		99
3) Pyridine	3.17	79	544378	42.780	ng		97
4) n-Nitrosodimethylamine	3.13	42	254594	39.159	ng		100
6) Aniline	6.43	93	694920	39.460	ng		98
8) 2-Chlorophenol	6.56	128	467196	40.155	ng		98
9) Benzaldehyde	6.32	77	277610	37.578	ng		99
10) Phenol	6.42	94	588536	38.663	ng		97
11) bis(2-Chloroethyl)ether	6.51	93	451824	38.442	ng		97
12) 1,3-Dichlorobenzene	6.71	146	508944	39.956	ng		99
13) 1,4-Dichlorobenzene	6.79	146	494549	38.115	ng		99
14) 1,2-Dichlorobenzene	6.94	146	461705	38.611	ng		98
15) Benzyl Alcohol	6.92	79	401237	38.501	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	881582	38.545	ng		99
17) 2-Methylphenol	7.03	107	409784	39.467	ng		99
18) Hexachloroethane	7.28	117	190888	39.365	ng		98
19) n-Nitroso-di-n-propylamine	7.19	70	329013	38.132	ng		97
20) 3+4-Methylphenols	7.18	107	495257	39.000	ng		100
22) Acetophenone	7.19	105	595693	37.823	ng		97
24) Nitrobenzene	7.36	77	502034	38.387	ng		99
25) Isophorone	7.60	82	921170	36.757	ng		99
26) 2-Nitrophenol	7.67	139	252914	38.708	ng		99
27) 2,4-Dimethylphenol	7.71	122	380919	38.655	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	587719	39.853	ng		99
29) 2,4-Dichlorophenol	7.92	162	381433	37.763	ng		99
30) 1,2,4-Trichlorobenzene	8.00	180	434479	37.962	ng		98
31) Naphthalene	8.08	128	1332973	37.670	ng		99
32) Benzoic acid	7.85	122	343522	39.693	ng		97
33) 4-Chloroaniline	8.13	127	579223	37.600	ng		99
34) Hexachlorobutadiene	8.20	225	277231	40.465	ng		97
35) Caprolactam	8.50	113	111297	36.021	ng	#	86
36) 4-Chloro-3-methylphenol	8.61	107	471179	43.086	ng		98
37) 2-Methylnaphthalene	8.77	142	950049	39.601	ng		99
38) 1-Methylnaphthalene	8.87	142	848974	37.545	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	419896	37.996	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	303793	48.343	ng		99
43) 2,4,6-Trichlorophenol	9.05	196	297821	39.026	ng		99
44) 2,4,5-Trichlorophenol	9.09	196	345332	40.178	ng		99
46) 1,1'-Biphenyl	9.23	154	1126268	38.136	ng		98
47) 2-Chloronaphthalene	9.26	162	860467	37.822	ng		97
48) 2-Nitroaniline	9.36	65	325504	39.481	ng		99
49) Acenaphthylene	9.67	152	1363036	39.395	ng		99
50) Dimethylphthalate	9.54	163	1061292	39.215	ng		100
51) 2,6-Dinitrotoluene	9.60	165	218228	36.822	ng		100
52) Acenaphthene	9.85	154	863825	37.427	ng		99
53) 3-Nitroaniline	9.77	138	260142	38.434	ng		98
54) 2,4-Dinitrophenol	9.87	184	159361	44.913	ng		97
55) Dibenzofuran	10.02	168	1191153	37.610	ng		99
56) 4-Nitrophenol	9.93	139	180815	35.903	ng		96
57) 2,4-Dinitrotoluene	10.00	165	289842	37.120	ng		99
58) Fluorene	10.36	166	981617	38.754	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.14	232	254882	38.773	ng		98
60) Diethylphthalate	10.24	149	1064648	37.956	ng		99
61) 4-Chlorophenyl-phenylether	10.36	204	509594	39.253	ng		98
62) 4-Nitroaniline	10.39	138	264048	40.934	ng		99
63) Azobenzene	10.52	77	953819	37.944	ng		100
65) 4,6-Dinitro-2-methylphenol	10.41	198	172790	40.213	ng	#	75
66) n-Nitrosodiphenylamine	10.47	169	859123	39.607	ng		98
67) 4-Bromophenyl-phenylether	10.85	248	321927	39.690	ng		98
68) Hexachlorobenzene	10.91	284	315586	38.354	ng		98
69) Atrazine	11.00	200	233690	38.722	ng		99
70) Pentachlorophenol	11.10	266	181202	38.214	ng		97
71) Phenanthrene	11.33	178	1304143	37.571	ng		99
72) Anthracene	11.37	178	1357984	38.296	ng		99
73) Carbazole	11.53	167	1295095	38.621	ng		99
74) Di-n-butylphthalate	11.86	149	1616812	36.676	ng		99
75) Fluoranthene	12.52	202	1426306	38.082	ng		96
77) Benzidine	12.63	184	613205	40.640	ng		98
78) Pyrene	12.74	202	1426338	37.904	ng		98
80) Butylbenzylphthalate	13.36	149	670999	36.748	ng		99
81) Benzo(a)anthracene	13.93	228	1120355	38.153	ng		99
82) 3,3'-Dichlorobenzidine	13.90	252	413079	37.701	ng	#	96
83) Chrysene	13.97	228	1152220	38.616	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	909509	36.782	ng		99
85) Di-n-octyl phthalate	14.54	149	1477741	35.099	ng		100
86) Indeno(1,2,3-cd)pyrene	16.79	276	912786	34.705	ng		100
88) Benzo(b)fluoranthene	14.96	252	1038666	35.289	ng		99
89) Benzo(k)fluoranthene	14.99	252	1050752	41.376	ng		99
90) Benzo(a)pyrene	15.32	252	920934	37.214	ng		100
91) Dibenzo(a,h)anthracene	16.81	278	765359	34.915	ng		98
92) Benzo(g,h,i)perylene	17.22	276	733650	33.906	ng		100

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

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