Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060420\
Data File : BF120529.D
Acq On : 4 Jun 2020 13:08
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 04 14:53:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 03 14:26:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	171931	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	732380	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	382336	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	821366	20.00	ng		0.00
76) Chrysene-d12	14.00	240	640952	20.00	ng		0.00
86) Perylene-d12	15.45	264	697421	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	735626	81.54	ng		0.00
7) Phenol-d6	6.47	99	996449	89.61	ng		0.00
23) Nitrobenzene-d5	7.40	82	814915	72.78	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	335248	94.64	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1763899	78.28	ng		0.00
79) Terphenyl-d14	12.94	244	1895673	65.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	238404	53.346	ng		99
3) Pyridine	3.33	79	635109	51.313	ng		99
4) n-Nitrosodimethylamine	3.29	42	286975	54.789	ng		95
6) Aniline	6.50	93	640298	41.296	ng		100
8) 2-Chlorophenol	6.62	128	406372	39.947	ng		94
9) Benzaldehyde	6.38	77	252276	37.224	ng		99
10) Phenol	6.48	94	576063	47.373	ng		99
11) bis(2-Chloroethyl)ether	6.57	93	429150	42.233	ng		99
12) 1,3-Dichlorobenzene	6.77	146	470336	42.085	ng		95
13) 1,4-Dichlorobenzene	6.85	146	472226	42.351	ng		97
14) 1,2-Dichlorobenzene	7.00	146	439220	42.647	ng		99
15) Benzyl Alcohol	6.97	79	360163	42.967	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	623730	38.935	ng		99
17) 2-Methylphenol	7.09	107	385199	42.346	ng		99
18) Hexachloroethane	7.35	117	188869	46.274	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	309317	43.760	ng		99
20) 3+4-Methylphenols	7.24	107	464861	40.452	ng		91
22) Acetophenone	7.25	105	597602	40.177	ng		98
24) Nitrobenzene	7.42	77	419189	34.757	ng		100
25) Isophorone	7.66	82	783457	34.816	ng		99
26) 2-Nitrophenol	7.73	139	225089	41.393	ng	#	87
27) 2,4-Dimethylphenol	7.77	122	333956	35.364	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	486527	35.902	ng		99
29) 2,4-Dichlorophenol	7.97	162	357042	37.432	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	447733	41.828	ng		99
31) Naphthalene	8.14	128	1322349	41.112	ng		99
32) Benzoic acid	7.90	122	254553	36.325	ng		96
33) 4-Chloroaniline	8.19	127	587109	41.186	ng		99
34) Hexachlorobutadiene	8.25	225	270928	42.701	ng		99
35) Caprolactam	8.57	113	134548	43.556	ng		88
36) 4-Chloro-3-methylphenol	8.67	107	424271	43.842	ng		93
37) 2-Methylnaphthalene	8.83	142	877542	41.190	ng		100
38) 1-Methylnaphthalene	8.93	142	786124	39.091	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	429582	43.813	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	265754	48.565	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	301080	42.459	ng		96
44) 2,4,5-Trichlorophenol	9.15	196	344170	42.817	ng		98
46) 1,1'-Biphenyl	9.29	154	1065340	42.416	ng		99
47) 2-Chloronaphthalene	9.32	162	885687	42.824	ng		98
48) 2-Nitroaniline	9.41	65	286509	45.482	ng		92
49) Acenaphthylene	9.73	152	1388119	43.433	ng		99
50) Dimethylphthalate	9.60	163	1062615	44.456	ng		99
51) 2,6-Dinitrotoluene	9.66	165	240849	45.341	ng		95
52) Acenaphthene	9.90	154	805271	40.371	ng		100
53) 3-Nitroaniline	9.83	138	247406	39.663	ng		99
54) 2,4-Dinitrophenol	9.93	184	106270	52.561	ng	#	87
55) Dibenzofuran	10.07	168	1092893	37.704	ng		98
56) 4-Nitrophenol	9.99	139	174890	36.622	ng		97
57) 2,4-Dinitrotoluene	10.06	165	276767	40.711	ng		98
58) Fluorene	10.42	166	898259	41.295	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	247428	39.502	ng		99
60) Diethylphthalate	10.29	149	1016102	42.067	ng		100
61) 4-Chlorophenyl-phenylether	10.41	204	466524	39.559	ng		97
62) 4-Nitroaniline	10.44	138	270503	45.935	ng		95
63) Azobenzene	10.57	77	950169	41.821	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	168456	56.229	ng		86
66) n-Nitrosodiphenylamine	10.53	169	885353	38.804	ng		98
67) 4-Bromophenyl-phenylether	10.90	248	334073	40.293	ng		97
68) Hexachlorobenzene	10.97	284	355871	40.305	ng		99
69) Atrazine	11.06	200	260379	40.489	ng		99
70) Pentachlorophenol	11.16	266	202983	37.600	ng		99
71) Phenanthrene	11.38	178	1456194	40.235	ng		99
72) Anthracene	11.43	178	1476480	40.660	ng		100
73) Carbazole	11.59	167	1435357	40.867	ng		99
74) Di-n-butylphthalate	11.92	149	1656199	40.537	ng		100
75) Fluoranthene	12.57	202	1513539	38.866	ng		99
77) Benzidine	12.69	184	524024	31.116	ng		99
78) Pyrene	12.80	202	1518090	34.057	ng		99
80) Butylbenzylphthalate	13.42	149	732126	39.343	ng		99
81) Benzo(a)anthracene	13.99	228	1432420	41.699	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	526696	42.232	ng		98
83) Chrysene	14.03	228	1404452	38.998	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	921241	42.173	ng		99
85) Di-n-octyl phthalate	14.59	149	1720696	45.524	ng		100
87) Indeno(1,2,3-cd)pyrene	16.90	276	1281542	33.597	ng		100
88) Benzo(b)fluoranthene	15.03	252	1546519	39.924	ng		99
89) Benzo(k)fluoranthene	15.06	252	1458116	40.321	ng		97
90) Benzo(a)pyrene	15.39	252	1383158	40.821	ng		99
91) Dibenzo(a,h)anthracene	16.92	278	1046068	33.637	ng		99
92) Benzo(g,h,i)perylene	17.34	276	1016543	33.142	ng		99

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

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