Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121864.D
Acq On : 7 Oct 2020 9:17
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 07 12:12:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	134377	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	509595	20.00	ng		0.00
39) Acenaphthene-d10	9.80	164	263792	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	492694	20.00	ng		0.00
76) Chrysene-d12	13.93	240	390611	20.00	ng		0.00
86) Perylene-d12	15.36	264	343696	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	725482	80.23	ng		0.00
7) Phenol-d6	6.42	99	940045	79.24	ng		0.00
23) Nitrobenzene-d5	7.34	82	798893	84.17	ng		0.00
42) 2,4,6-Tribromophenol	10.60	330	279392	85.22	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	1347073	77.34	ng		0.00
79) Terphenyl-d14	12.87	244	1594497	82.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	157451	37.903	ng		100
3) Pyridine	3.19	79	436302	37.992	ng		99
4) n-Nitrosodimethylamine	3.15	42	206085	38.688	ng		100
6) Aniline	6.43	93	572814	37.075	ng	#	74
8) 2-Chlorophenol	6.56	128	373738	40.597	ng		96
9) Benzaldehyde	6.32	77	270611	34.895	ng		99
10) Phenol	6.43	94	471558	37.329	ng		88
11) bis(2-Chloroethyl)ether	6.50	93	384674	40.403	ng		99
12) 1,3-Dichlorobenzene	6.70	146	412343	40.129	ng		100
13) 1,4-Dichlorobenzene	6.78	146	416165	40.335	ng		98
14) 1,2-Dichlorobenzene	6.94	146	383262	40.323	ng		99
15) Benzyl Alcohol	6.92	79	318636	39.518	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	597002	38.967	ng		87
17) 2-Methylphenol	7.03	107	317905	40.584	ng		96
18) Hexachloroethane	7.27	117	154314	41.770	ng		99
19) n-Nitroso-di-n-propylamine	7.19	70	273560	40.013	ng		99
20) 3+4-Methylphenols	7.19	107	376547	40.010	ng		95
22) Acetophenone	7.18	105	513170	39.690	ng		95
24) Nitrobenzene	7.36	77	427737	41.669	ng		97
25) Isophorone	7.60	82	755343	39.535	ng		98
26) 2-Nitrophenol	7.67	139	202904	42.307	ng		94
27) 2,4-Dimethylphenol	7.71	122	335525	39.342	ng		97
28) bis(2-Chloroethoxy)methane	7.80	93	483612	40.887	ng		100
29) 2,4-Dichlorophenol	7.92	162	316851	40.791	ng		98
30) 1,2,4-Trichlorobenzene	7.99	180	330128	40.354	ng		99
31) Naphthalene	8.07	128	1063879	39.548	ng		99
32) Benzoic acid	7.86	122	164858	29.101	ng		99
33) 4-Chloroaniline	8.13	127	475972	40.818	ng		97
34) Hexachlorobutadiene	8.19	225	199531	41.553	ng		100
35) Caprolactam	8.52	113	106159	41.039	ng		95
36) 4-Chloro-3-methylphenol	8.62	107	346839	41.449	ng		100
37) 2-Methylnaphthalene	8.76	142	707883	40.154	ng		99
38) 1-Methylnaphthalene	8.86	142	656697	40.025	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	337626	40.974	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	166949	35.478	ng		98
43) 2,4,6-Trichlorophenol	9.05	196	218326	38.872	ng		99
44) 2,4,5-Trichlorophenol	9.09	196	234058	39.420	ng		100
46) 1,1'-Biphenyl	9.23	154	843321	39.933	ng		100
47) 2-Chloronaphthalene	9.25	162	659501	39.629	ng		99
48) 2-Nitroaniline	9.36	65	230728	44.616	ng		93
49) Acenaphthylene	9.67	152	1016105	39.739	ng		100
50) Dimethylphthalate	9.53	163	799319	41.807	ng		98
51) 2,6-Dinitrotoluene	9.60	165	177889	43.688	ng		91
52) Acenaphthene	9.84	154	602422	37.302	ng		98
53) 3-Nitroaniline	9.77	138	199403	42.274	ng		98
54) 2,4-Dinitrophenol	9.88	184	73099	36.654	ng	#	86
55) Dibenzofuran	10.01	168	884077	38.872	ng		98
56) 4-Nitrophenol	9.95	139	150752	40.075	ng		92
57) 2,4-Dinitrotoluene	10.00	165	220802	43.104	ng		92
58) Fluorene	10.35	166	707929	40.703	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	187117	38.764	ng		98
60) Diethylphthalate	10.23	149	769708	41.291	ng		100
61) 4-Chlorophenyl-phenylether	10.35	204	348792	41.864	ng		99
62) 4-Nitroaniline	10.38	138	203329	43.415	ng		97
63) Azobenzene	10.50	77	800707	40.336	ng		99
65) 4,6-Dinitro-2-methylphenol	10.42	198	125176	42.345	ng		96
66) n-Nitrosodiphenylamine	10.46	169	673753	39.859	ng		99
67) 4-Bromophenyl-phenylether	10.83	248	229879	40.980	ng		98
68) Hexachlorobenzene	10.90	284	262509	41.467	ng		93
69) Atrazine	10.99	200	177009	42.150	ng		99
70) Pentachlorophenol	11.10	266	112479	32.353	ng		98
71) Phenanthrene	11.32	178	1056990	39.375	ng		99
72) Anthracene	11.37	178	1093739	39.483	ng		99
73) Carbazole	11.52	167	999507	39.983	ng		100
74) Di-n-butylphthalate	11.85	149	1204629	41.752	ng		99
75) Fluoranthene	12.50	202	1165919	40.687	ng		98
77) Benzidine	12.62	184	455969	35.211	ng		99
78) Pyrene	12.73	202	1166586	40.877	ng		99
80) Butylbenzylphthalate	13.34	149	510485	44.228	ng		100
81) Benzo(a)anthracene	13.92	228	1032592	41.785	ng		99
82) 3,3'-Dichlorobenzidine	13.88	252	401179	41.583	ng		99
83) Chrysene	13.96	228	1007056	40.243	ng		99
84) Bis(2-ethylhexyl)phthalate	13.90	149	702505	45.560	ng		99
85) Di-n-octyl phthalate	14.52	149	1160102	42.632	ng		100
87) Indeno(1,2,3-cd)pyrene	16.79	276	810452	36.209	ng		99
88) Benzo(b)fluoranthene	14.96	252	948863	41.297	ng		99
89) Benzo(k)fluoranthene	14.99	252	885238	42.073	ng		99
90) Benzo(a)pyrene	15.31	252	801407	41.033	ng		99
91) Dibenzo(a,h)anthracene	16.80	278	672448	36.091	ng		99
92) Benzo(g,h,i)perylene	17.22	276	662060	36.149	ng		98

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

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