Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\
Data File : BF121702.D
Acq On : 28 Sep 2020 9:27
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 28 12:20:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 11:40:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	160524	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	598488	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	309225	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	584632	20.00	ng	0.00
76) Chrysene-d12	13.96	240	455911	20.00	ng	0.00
86) Perylene-d12	15.39	264	406654	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	854465	79.11	ng	0.00
7) Phenol-d6	6.44	99	1122628	79.22	ng	0.00
23) Nitrobenzene-d5	7.37	82	935029	83.88	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	343558	89.39	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1612881	79.00	ng	0.00
79) Terphenyl-d14	12.90	244	1886119	83.81	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.52	88	190177	38.324	ng	100
3) Pyridine	3.25	79	542888	39.573	ng	100
4) n-Nitrosodimethylamine	3.21	42	252868	39.738	ng	100
6) Aniline	6.46	93	703928	38.140	ng	100
8) 2-Chlorophenol	6.59	128	435837	39.631	ng	100
9) Benzaldehyde	6.35	77	331768	35.813	ng	100
10) Phenol	6.45	94	576882	38.229	ng	100
11) bis(2-Chloroethyl)ether	6.54	93	451956	39.738	ng	100
12) 1,3-Dichlorobenzene	6.74	146	491337	40.028	ng	100
13) 1,4-Dichlorobenzene	6.82	146	495002	40.162	ng	100
14) 1,2-Dichlorobenzene	6.97	146	452801	39.880	ng	100
15) Benzyl Alcohol	6.95	79	393930	40.899	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.07	45	705330	38.538	ng	100
17) 2-Methylphenol	7.06	107	368721	39.404	ng	100
18) Hexachloroethane	7.31	117	181357	41.094	ng	100
19) n-Nitroso-di-n-propylamine	7.22	70	323433	39.602	ng	100
20) 3+4-Methylphenols	7.21	107	431638	38.393	ng	100
22) Acetophenone	7.21	105	597036	39.318	ng	100
24) Nitrobenzene	7.39	77	499058	41.396	ng	100
25) Isophorone	7.63	82	895035	39.888	ng	100
26) 2-Nitrophenol	7.70	139	236433	41.996	ng	100
27) 2,4-Dimethylphenol	7.74	122	389664	38.904	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	556197	40.040	ng	100
29) 2,4-Dichlorophenol	7.95	162	369214	40.472	ng	100
30) 1,2,4-Trichlorobenzene	8.02	180	392008	40.801	ng	100
31) Naphthalene	8.10	128	1258226	39.826	ng	100
32) Benzoic acid	7.88	122	253995	36.013	ng	100
33) 4-Chloroaniline	8.15	127	544412	39.753	ng	100
34) Hexachlorobutadiene	8.22	225	235531	41.764	ng	100
35) Caprolactam	8.54	113	124680	41.040	ng	100
36) 4-Chloro-3-methylphenol	8.64	107	400668	40.770	ng	100
37) 2-Methylnaphthalene	8.79	142	822255	39.714	ng	100
38) 1-Methylnaphthalene	8.89	142	764608	39.681	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	393022	40.689	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	208606	37.818	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	267806	40.676	ng	100
44) 2,4,5-Trichlorophenol	9.12	196	282254	40.553	ng	100
46) 1,1'-Biphenyl	9.26	154	984366	39.764	ng	100
47) 2-Chloronaphthalene	9.28	162	782330	40.103	ng	100
48) 2-Nitroaniline	9.38	65	267923	44.196	ng	100
49) Acenaphthylene	9.70	152	1208584	40.322	ng	100
50) Dimethylphthalate	9.56	163	920017	41.050	ng	100
51) 2,6-Dinitrotoluene	9.62	165	207674	43.510	ng	100
52) Acenaphthene	9.87	154	704058	37.190	ng	100
53) 3-Nitroaniline	9.79	138	230911	41.762	ng	100
54) 2,4-Dinitrophenol	9.90	184	99740	41.180	ng	100
55) Dibenzofuran	10.04	168	1067962	40.058	ng	100
56) 4-Nitrophenol	9.96	139	176200	39.958	ng	100
57) 2,4-Dinitrotoluene	10.03	165	271934	45.286	ng	100
58) Fluorene	10.38	166	827874	40.606	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	234190	41.388	ng	100
60) Diethylphthalate	10.26	149	905703	41.448	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	404026	41.368	ng	100
62) 4-Nitroaniline	10.41	138	233856	42.596	ng	100
63) Azobenzene	10.53	77	943305	40.538	ng	100
65) 4,6-Dinitro-2-methylphenol	10.44	198	149096	42.479	ng	100
66) n-Nitrosodiphenylamine	10.49	169	795791	39.676	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	274959	41.308	ng	100
68) Hexachlorobenzene	10.93	284	312599	41.614	ng	100
69) Atrazine	11.02	200	207448	41.630	ng	100
70) Pentachlorophenol	11.13	266	159749	38.723	ng	100
71) Phenanthrene	11.34	178	1252892	39.333	ng	100
72) Anthracene	11.39	178	1303570	39.657	ng	100
73) Carbazole	11.55	167	1171641	39.498	ng	100
74) Di-n-butylphthalate	11.88	149	1406003	41.068	ng	100
75) Fluoranthene	12.53	202	1369016	40.262	ng	100
77) Benzidine	12.65	184	506879	33.536	ng	100
78) Pyrene	12.76	202	1405587	42.197	ng	100
80) Butylbenzylphthalate	13.37	149	593826	44.079	ng	100
81) Benzo(a)anthracene	13.94	228	1179079	40.879	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	469978	41.737	ng	100
83) Chrysene	13.99	228	1174398	40.209	ng	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	779168	43.294	ng	100
85) Di-n-octyl phthalate	14.54	149	1329631	41.863	ng	100
87) Indeno(1,2,3-cd)pyrene	16.83	276	1014880	38.323	ng	100
88) Benzo(b)fluoranthene	14.98	252	1160931	42.704	ng	100
89) Benzo(k)fluoranthene	15.02	252	983304	39.499	ng	100
90) Benzo(a)pyrene	15.34	252	946736	40.969	ng	100
91) Dibenzo(a,h)anthracene	16.84	278	837720	38.001	ng	100
92) Benzo(g,h,i)perylene	17.26	276	826958	38.162	ng	100

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

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