Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090220\
Data File : BM027302.D
Acq On : 02 Sep 2020 12:52
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICCC040

Quant Time: Sep 02 13:48:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 13:40:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	141129	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	545882	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	398785	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	932506	20.00	ng	0.00
76) Chrysene-d12	21.17	240	961642	20.00	ng	0.00
86) Perylene-d12	23.34	264	846974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	676688	93.47	ng	0.00
7) Phenol-d6	6.77	99	939433	94.51	ng	0.00
23) Nitrobenzene-d5	8.72	82	1032431	78.03	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	575901	89.18	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	2427417	79.96	ng	0.00
79) Terphenyl-d14	19.61	244	4662429	90.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	139358	40.281	ng	100
3) Pyridine	3.55	79	422111	43.463	ng	100
4) n-Nitrosodimethylamine	3.47	42	160487	37.880	ng	100
6) Aniline	6.92	93	567807	50.286	ng	100
8) 2-Chlorophenol	7.15	128	347018	46.062	ng	100
9) Benzaldehyde	6.73	77	357626	52.549	ng	100
10) Phenol	6.79	94	446430	47.127	ng	100
11) bis(2-Chloroethyl)ether	7.02	93	372809	48.147	ng	100
12) 1,3-Dichlorobenzene	7.47	146	425887	40.392	ng	100
13) 1,4-Dichlorobenzene	7.61	146	431927	40.602	ng	100
14) 1,2-Dichlorobenzene	7.93	146	415473	41.178	ng	100
15) Benzyl Alcohol	7.82	79	408776	45.245	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.11	45	290417	46.750	ng	100
17) 2-Methylphenol	8.03	107	308842	47.119	ng	100
18) Hexachloroethane	8.65	117	172541	39.966	ng	100
19) n-Nitroso-di-n-propylamine	8.39	70	374164	49.041	ng	100
20) 3+4-Methylphenols	8.35	107	420323	47.923	ng	100
22) Acetophenone	8.39	105	613904	41.845	ng	100
24) Nitrobenzene	8.77	77	541380	40.424	ng	100
25) Isophorone	9.30	82	918858	47.413	ng	100
26) 2-Nitrophenol	9.47	139	208153	49.795	ng	100
27) 2,4-Dimethylphenol	9.55	122	344790	53.123	ng	100
28) bis(2-Chloroethoxy)methane	9.77	93	528881	44.721	ng	100
29) 2,4-Dichlorophenol	10.00	162	400484	44.244	ng	100
30) 1,2,4-Trichlorobenzene	10.22	180	467870	39.374	ng	100
31) Naphthalene	10.40	128	1179388	42.627	ng	100
32) Benzoic acid	9.70	122	228615	49.159	ng	100
33) 4-Chloroaniline	10.51	127	520300	45.520	ng	100
34) Hexachlorobutadiene	10.69	225	313635	36.614	ng	100
35) Caprolactam	11.30	113	118816	48.423	ng	100
36) 4-Chloro-3-methylphenol	11.64	107	436046	46.602	ng	100
37) 2-Methylnaphthalene	12.02	142	942913	45.003	ng	100
38) 1-Methylnaphthalene	12.24	142	875707	43.430	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	580559	41.338	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	399479	51.460	ng	100
43) 2,4,6-Trichlorophenol	12.64	196	369632	42.624	ng	100
44) 2,4,5-Trichlorophenol	12.72	196	395160	42.971	ng	100
46) 1,1'-Biphenyl	13.05	154	1283519	42.943	ng	100
47) 2-Chloronaphthalene	13.09	162	1010705	39.661	ng	100
48) 2-Nitroaniline	13.29	65	328187	40.352	ng	100
49) Acenaphthylene	13.94	152	1562360	44.085	ng	100
50) Dimethylphthalate	13.69	163	1341620	41.438	ng	100
51) 2,6-Dinitrotoluene	13.80	165	290624	45.144	ng	100
52) Acenaphthene	14.29	154	962195	42.769	ng	100
53) 3-Nitroaniline	14.13	138	267386	43.066	ng	100
54) 2,4-Dinitrophenol	14.33	184	165877	49.351	ng	100
55) Dibenzofuran	14.62	168	1609594	42.948	ng	100
56) 4-Nitrophenol	14.44	139	229417	46.302	ng	100
57) 2,4-Dinitrotoluene	14.59	165	415847	46.495	ng	100
58) Fluorene	15.27	166	1374705	44.431	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.85	232	384803	42.718	ng	100
60) Diethylphthalate	15.06	149	1387357	43.194	ng	100
61) 4-Chlorophenyl-phenylether	15.27	204	743186	41.822	ng	100
62) 4-Nitroaniline	15.30	138	292735	42.015	ng	100
63) Azobenzene	15.57	77	1426116	43.277	ng	100
65) 4,6-Dinitro-2-methylphenol	15.36	198	243392	53.145	ng	100
66) n-Nitrosodiphenylamine	15.49	169	1181830	44.622	ng	100
67) 4-Bromophenyl-phenylether	16.17	248	469452	41.696	ng	100
68) Hexachlorobenzene	16.28	284	536062	40.093	ng	100
69) Atrazine	16.45	200	355364	35.440	ng	100
70) Pentachlorophenol	16.62	266	330651	45.721	ng	100
71) Phenanthrene	17.01	178	2203746	42.511	ng	100
72) Anthracene	17.10	178	2251757	45.438	ng	100
73) Carbazole	17.37	167	1978724	43.410	ng	100
74) Di-n-butylphthalate	17.95	149	2440625	46.358	ng	100
75) Fluoranthene	19.03	202	2689341	41.531	ng	100
77) Benzidine	19.22	184	1153190	69.134	ng	100
78) Pyrene	19.40	202	2751973	47.030	ng	100
80) Butylbenzylphthalate	20.32	149	1070346	50.045	ng	100
81) Benzo(a)anthracene	21.16	228	2629152	42.192	ng	100
82) 3,3'-Dichlorobenzidine	21.09	252	1043260	48.041	ng	100
83) Chrysene	21.21	228	2548502	42.110	ng	100
84) Bis(2-ethylhexyl)phthalate	21.11	149	1588148	52.173	ng	100
85) Di-n-octyl phthalate	21.97	149	2516484	50.108	ng	100
87) Indeno(1,2,3-cd)pyrene	25.51	276	2196905	33.141	ng	100
88) Benzo(b)fluoranthene	22.70	252	2529845	44.792	ng	100
89) Benzo(k)fluoranthene	22.74	252	2372140	42.898	ng	100
90) Benzo(a)pyrene	23.25	252	2081051	40.362	ng	100
91) Dibenzo(a,h)anthracene	25.52	278	1854538	33.613	ng	100
92) Benzo(g,h,i)perylene	26.17	276	1752050	32.962	ng	100

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

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