Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092923\
Data File : BM042138.D
Acq On : 29 Sep 2023 09:59
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Sep 29 11:00:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 19 04:49:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.934	152	262018	20.000	ng		-0.04
21) Naphthalene-d8	10.751	136	1189926	20.000	ng		-0.04
39) Acenaphthene-d10	14.586	164	735101	20.000	ng		-0.03
64) Phenanthrene-d10	17.339	188	1598074	20.000	ng		-0.03
76) Chrysene-d12	21.515	240	1438679	20.000	ng		-0.03
86) Perylene-d12	23.921	264	1499750	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1283127	81.566	ng		-0.02
7) Phenol-d6	7.087	99	1846727	84.549	ng		-0.02
23) Nitrobenzene-d5	9.133	82	1920404	82.171	ng		-0.03
42) 2,4,6-Tribromophenol	16.080	330	710669	77.484	ng		-0.03
45) 2-Fluorobiphenyl	13.204	172	4004897	79.965	ng		-0.03
79) Terphenyl-d14	19.950	244	6405621	81.092	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	261681	40.782	ng		100
3) Pyridine	3.804	79	851189	42.703	ng		99
4) n-Nitrosodimethylamine	3.728	42	417170	44.030	ng		97
6) Aniline	7.281	93	1201384	41.516	ng		98
8) 2-Chlorophenol	7.492	128	716969	40.937	ng		100
9) Benzaldehyde	7.098	77	524207	42.452	ng		96
10) Phenol	7.116	94	945748	42.183	ng		100
11) bis(2-Chloroethyl)ether	7.369	93	780677	41.744	ng		98
12) 1,3-Dichlorobenzene	7.816	146	741809	39.667	ng		100
13) 1,4-Dichlorobenzene	7.975	146	751675	39.558	ng		99
14) 1,2-Dichlorobenzene	8.286	146	721367	39.494	ng		99
15) Benzyl Alcohol	8.192	79	741964	43.028	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	1216161	42.520	ng		98
17) 2-Methylphenol	8.369	107	681767	41.819	ng		98
18) Hexachloroethane	8.998	117	282092	39.495	ng		96
19) n-Nitroso-di-n-propyla...	8.751	70	702827	43.286	ng		99
20) 3+4-Methylphenols	8.704	107	941774	42.086	ng		98
22) Acetophenone	8.781	105	1185445	39.852	ng	#	99
24) Nitrobenzene	9.175	77	953861	41.120	ng		98
25) Isophorone	9.680	82	1871069	40.563	ng		99
26) 2-Nitrophenol	9.875	139	421619	40.354	ng		99
27) 2,4-Dimethylphenol	9.910	122	732119	38.963	ng		100
28) bis(2-Chloroethoxy)met...	10.163	93	1101863	40.871	ng		100
29) 2,4-Dichlorophenol	10.392	162	712761	39.197	ng		99
30) 1,2,4-Trichlorobenzene	10.598	180	704242	37.722	ng		99
31) Naphthalene	10.804	128	2365023	39.479	ng		100
32) Benzoic acid	10.069	122	595188	40.202	ng		98
33) 4-Chloroaniline	10.933	127	1070440	39.923	ng		99
34) Hexachlorobutadiene	11.027	225	410683	36.014	ng		98
35) Caprolactam	11.780	113	268417	41.301	ng		96
36) 4-Chloro-3-methylphenol	12.033	107	831766	41.044	ng		100
37) 2-Methylnaphthalene	12.404	142	1737671	39.451	ng		100
38) 1-Methylnaphthalene	12.627	142	1626048	39.308	ng		100
40) 1,2,4,5-Tetrachloroben...	12.757	216	830825	38.972	ng		100
41) Hexachlorocyclopentadiene	12.704	237	783898	65.395	ng		99
43) 2,4,6-Trichlorophenol	13.010	196	577116	39.778	ng		100

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44) 2,4,5-Trichlorophenol	13.080	196	673183	39.647	ng	98
46) 1,1'-Biphenyl	13.416	154	2168457	39.981	ng	99
47) 2-Chloronaphthalene	13.468	162	1560362	39.504	ng	99
48) 2-Nitroaniline	13.698	65	620440	43.960	ng	96
49) Acenaphthylene	14.315	152	2604643	39.735	ng	100
50) Dimethylphthalate	14.045	163	2181218	40.136	ng	100
51) 2,6-Dinitrotoluene	14.192	165	472661	41.041	ng	98
52) Acenaphthene	14.651	154	1574946	39.947	ng	99
53) 3-Nitroaniline	14.533	138	539274	41.836	ng	97
54) 2,4-Dinitrophenol	14.727	184	319313	44.394	ng	95
55) Dibenzofuran	14.986	168	2508006	39.408	ng	99
56) 4-Nitrophenol	14.815	139	428790	41.942	ng	100
57) 2,4-Dinitrotoluene	14.968	165	632245	41.494	ng	92
58) Fluorene	15.633	166	1987735	39.617	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	545860	39.167	ng	96
60) Diethylphthalate	15.398	149	2198984	40.677	ng	99
61) 4-Chlorophenyl-phenyle...	15.621	204	1039776	39.502	ng	99
62) 4-Nitroaniline	15.698	138	522040	42.115	ng	98
63) Azobenzene	15.915	77	2315528	42.251	ng	97
65) 4,6-Dinitro-2-methylph...	15.721	198	384958	41.949	ng	93
66) n-Nitrosodiphenylamine	15.851	169	1774943	39.326	ng	99
67) 4-Bromophenyl-phenylether	16.521	248	639464	38.830	ng	99
68) Hexachlorobenzene	16.604	284	664358	38.102	ng	95
69) Atrazine	16.792	200	533594	37.912	ng	99
70) Pentachlorophenol	16.962	266	592820	44.999	ng	99
71) Phenanthrene	17.380	178	3160137	39.650	ng	100
72) Anthracene	17.474	178	3232487	39.758	ng	100
73) Carbazole	17.756	167	3023965	40.563	ng	100
74) Di-n-butylphthalate	18.274	149	3978504	41.569	ng	100
75) Fluoranthene	19.392	202	3873168	41.394	ng	99
77) Benzidine	19.597	184	1045185	35.591	ng	99
78) Pyrene	19.756	202	3992827	39.886	ng	100
80) Butylbenzylphthalate	20.633	149	1860343	41.783	ng	98
81) Benzo(a)anthracene	21.497	228	3801586	40.515	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	1353551	40.961	ng	98
83) Chrysene	21.556	228	3514871	39.965	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	2727315	41.291	ng	100
85) Di-n-octyl phthalate	22.297	149	4646759	41.794	ng	99
87) Indeno(1,2,3-cd)pyrene	26.415	276	3653290	40.798	ng	99
88) Benzo(b)fluoranthene	23.180	252	3503294	40.010	ng	100
89) Benzo(k)fluoranthene	23.233	252	3473477	40.144	ng	100
90) Benzo(a)pyrene	23.815	252	3303001	40.201	ng	100
91) Dibenzo(a,h)anthracene	26.426	278	3089509	41.386	ng	100
92) Benzo(g,h,i)perylene	27.191	276	2895013	40.587	ng	99

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

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