Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
Data File : BM041900.D
Acq On : 19 Sep 2023 08:38
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Sep 19 11:12:36 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	7.963	152	330793	20.000	ng		0.00
21) Naphthalene-d8	10.781	136	1473105	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	941875	20.000	ng		0.00
64) Phenanthrene-d10	17.363	188	2025072	20.000	ng		0.00
76) Chrysene-d12	21.539	240	1685847	20.000	ng		0.00
86) Perylene-d12	23.956	264	1701928	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	1587551	79.936	ng		0.00
7) Phenol-d6	7.110	99	2255640	81.799	ng		0.00
23) Nitrobenzene-d5	9.163	82	2345087	81.054	ng		0.00
42) 2,4,6-Tribromophenol	16.110	330	928218	78.985	ng		0.00
45) 2-Fluorobiphenyl	13.233	172	5104920	79.552	ng		0.00
79) Terphenyl-d14	19.974	244	7756447	83.796	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	323338	39.915	ng		98
3) Pyridine	3.816	79	1014893	40.330	ng		99
4) n-Nitrosodimethylamine	3.746	42	486130	40.641	ng		99
6) Aniline	7.304	93	1481817	40.561	ng		99
8) 2-Chlorophenol	7.522	128	887466	40.136	ng		98
9) Benzaldehyde	7.122	77	628421	40.310	ng		98
10) Phenol	7.140	94	1161647	41.040	ng		99
11) bis(2-Chloroethyl)ether	7.399	93	952561	40.345	ng		99
12) 1,3-Dichlorobenzene	7.846	146	937015	39.688	ng		99
13) 1,4-Dichlorobenzene	7.998	146	953034	39.727	ng		99
14) 1,2-Dichlorobenzene	8.316	146	915633	39.708	ng		99
15) Benzyl Alcohol	8.216	79	901874	41.427	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.487	45	1464925	40.569	ng		99
17) 2-Methylphenol	8.393	107	839431	40.785	ng		100
18) Hexachloroethane	9.034	117	355232	39.395	ng		99
19) n-Nitroso-di-n-propyla...	8.781	70	860766	41.992	ng		100
20) 3+4-Methylphenols	8.728	107	1168759	41.371	ng		98
22) Acetophenone	8.810	105	1489965	40.460	ng	#	99
24) Nitrobenzene	9.204	77	1161197	40.435	ng		99
25) Isophorone	9.716	82	2332412	40.845	ng		99
26) 2-Nitrophenol	9.904	139	530981	41.052	ng		98
27) 2,4-Dimethylphenol	9.934	122	934098	40.156	ng		100
28) bis(2-Chloroethoxy)met...	10.192	93	1345245	40.307	ng		99
29) 2,4-Dichlorophenol	10.416	162	917228	40.745	ng		99
30) 1,2,4-Trichlorobenzene	10.634	180	917336	39.690	ng		99
31) Naphthalene	10.834	128	2982860	40.221	ng		100
32) Benzoic acid	10.092	122	767081	41.853	ng		99
33) 4-Chloroaniline	10.963	127	1354893	40.819	ng		98
34) Hexachlorobutadiene	11.063	225	552771	39.156	ng		99
35) Caprolactam	11.804	113	330663	41.098	ng		99
36) 4-Chloro-3-methylphenol	12.057	107	1026232	40.905	ng		99
37) 2-Methylnaphthalene	12.439	142	2213186	40.588	ng		99
38) 1-Methylnaphthalene	12.657	142	2068268	40.387	ng		99
40) 1,2,4,5-Tetrachloroben...	12.786	216	1084813	39.715	ng		100
41) Hexachlorocyclopentadiene	12.739	237	619641	40.344	ng		99
43) 2,4,6-Trichlorophenol	13.039	196	752577	40.485	ng		100

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44) 2,4,5-Trichlorophenol	13.104	196	884040	40.635	ng	99
46) 1,1'-Biphenyl	13.445	154	2788390	40.125	ng	100
47) 2-Chloronaphthalene	13.498	162	2028932	40.091	ng	99
48) 2-Nitroaniline	13.722	65	748204	41.374	ng	99
49) Acenaphthylene	14.345	152	3377686	40.216	ng	100
50) Dimethylphthalate	14.075	163	2786787	40.022	ng	100
51) 2,6-Dinitrotoluene	14.216	165	604836	40.988	ng	96
52) Acenaphthene	14.680	154	2016848	39.925	ng	100
53) 3-Nitroaniline	14.551	138	679313	41.130	ng	100
54) 2,4-Dinitrophenol	14.751	184	373876	40.568	ng	97
55) Dibenzofuran	15.016	168	3243494	39.776	ng	99
56) 4-Nitrophenol	14.833	139	535823	40.906	ng	98
57) 2,4-Dinitrotoluene	14.998	165	803799	41.171	ng	99
58) Fluorene	15.663	166	2533677	39.412	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.227	232	706346	39.556	ng	99
60) Diethylphthalate	15.422	149	2762599	39.884	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1340819	39.756	ng	98
62) 4-Nitroaniline	15.721	138	652199	41.064	ng	98
63) Azobenzene	15.945	77	2838252	40.419	ng	99
65) 4,6-Dinitro-2-methylph...	15.745	198	488445	42.003	ng	96
66) n-Nitrosodiphenylamine	15.874	169	2269599	39.682	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	822244	39.401	ng	97
68) Hexachlorobenzene	16.633	284	878316	39.752	ng	98
69) Atrazine	16.816	200	678686	38.053	ng	99
70) Pentachlorophenol	16.992	266	675802	40.482	ng	99
71) Phenanthrene	17.410	178	4000349	39.609	ng	100
72) Anthracene	17.498	178	4074090	39.544	ng	99
73) Carbazole	17.780	167	3739587	39.585	ng	99
74) Di-n-butylphthalate	18.304	149	4869653	40.152	ng	100
75) Fluoranthene	19.415	202	4677617	39.450	ng	99
77) Benzidine	19.615	184	1424941	41.409	ng	99
78) Pyrene	19.786	202	4839458	41.256	ng	100
80) Butylbenzylphthalate	20.656	149	2165147	41.500	ng	97
81) Benzo(a)anthracene	21.521	228	4481626	40.760	ng	100
82) 3,3'-Dichlorobenzidine	21.462	252	1608390	41.537	ng	99
83) Chrysene	21.580	228	4153947	40.306	ng	100
84) Bis(2-ethylhexyl)phtha...	21.398	149	3175614	41.029	ng	100
85) Di-n-octyl phthalate	22.327	149	5303991	40.711	ng	100
87) Indeno(1,2,3-cd)pyrene	26.474	276	3972493	39.093	ng	100
88) Benzo(b)fluoranthene	23.209	252	4050494	40.764	ng	100
89) Benzo(k)fluoranthene	23.262	252	3927954	40.004	ng	99
90) Benzo(a)pyrene	23.850	252	3728925	39.994	ng	100
91) Dibenzo(a,h)anthracene	26.485	278	3347025	39.509	ng	100
92) Benzo(g,h,i)perylene	27.256	276	3155123	38.979	ng	99

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

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