Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039091.D
Acq On : 22 Mar 2023 14:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 23 04:22:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 03:36:20 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	367310	20.000	ng		0.00
21) Naphthalene-d8	10.781	136	1460661	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	782865	20.000	ng		0.00
64) Phenanthrene-d10	17.351	188	1382822	20.000	ng		0.00
76) Chrysene-d12	21.533	240	1052768	20.000	ng		0.00
86) Perylene-d12	23.962	264	1159140	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1893388	78.315	ng		0.00
7) Phenol-d6	7.134	99	2484649	79.122	ng		0.00
23) Nitrobenzene-d5	9.140	82	2367894	79.631	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	692066	76.416	ng		0.00
45) 2-Fluorobiphenyl	13.233	172	4647128	77.275	ng		0.00
79) Terphenyl-d14	19.968	244	4688636	81.427	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	398550	37.055	ng		98
3) Pyridine	3.805	79	1044018	35.000	ng		99
4) n-Nitrosodimethylamine	3.711	42	453326	37.347	ng		92
6) Aniline	7.293	93	1350156	32.745	ng		99
8) 2-Chlorophenol	7.528	128	1040018	40.407	ng		98
9) Benzaldehyde	7.104	77	548868	36.730	ng		97
10) Phenol	7.157	94	1314027	39.404	ng		98
11) bis(2-Chloroethyl)ether	7.393	93	1084052	39.983	ng		99
12) 1,3-Dichlorobenzene	7.857	146	1068894	39.077	ng		98
13) 1,4-Dichlorobenzene	8.004	146	1082866	38.925	ng		99
14) 1,2-Dichlorobenzene	8.322	146	1054423	39.349	ng		99
15) Benzyl Alcohol	8.210	79	884969	39.318	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.504	45	1368229	39.958	ng		98
17) 2-Methylphenol	8.416	107	936442	40.878	ng		98
18) Hexachloroethane	9.051	117	409397	39.887	ng		98
19) n-Nitroso-di-n-propyla...	8.787	70	840047	42.471	ng		98
20) 3+4-Methylphenols	8.745	107	1260672	41.215	ng		99
22) Acetophenone	8.798	105	1587558	38.739	ng	#	99
24) Nitrobenzene	9.181	77	1229106	39.326	ng		98
25) Isophorone	9.710	82	2217548	40.525	ng		99
26) 2-Nitrophenol	9.892	139	574169	42.004	ng		96
27) 2,4-Dimethylphenol	9.951	122	949038	39.803	ng		99
28) bis(2-Chloroethoxy)met...	10.192	93	1372895	39.047	ng		99
29) 2,4-Dichlorophenol	10.428	162	917070	40.569	ng		99
30) 1,2,4-Trichlorobenzene	10.645	180	944178	38.223	ng		99
31) Naphthalene	10.834	128	3203013	38.456	ng		100
32) Benzoic acid	10.092	122	743535	43.159	ng		98
33) 4-Chloroaniline	10.945	127	1165938	32.848	ng		99
34) Hexachlorobutadiene	11.116	225	554326	39.132	ng		98
35) Caprolactam	11.745	113	272387	39.591	ng		96
36) 4-Chloro-3-methylphenol	12.063	107	946854	39.336	ng		100
37) 2-Methylnaphthalene	12.439	142	2167168	38.821	ng		98
38) 1-Methylnaphthalene	12.657	142	2015325	38.523	ng		99
40) 1,2,4,5-Tetrachloroben...	12.804	216	988299	38.832	ng		99
41) Hexachlorocyclopentadiene	12.786	237	480810	34.417	ng		99
43) 2,4,6-Trichlorophenol	13.045	196	676460	41.046	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	781729	40.524	ng	97
46) 1,1'-Biphenyl	13.445	154	2566138	38.692	ng	100
47) 2-Chloronaphthalene	13.486	162	1952066	39.032	ng	99
48) 2-Nitroaniline	13.692	65	620426	39.174	ng	95
49) Acenaphthylene	14.333	152	3114540	39.097	ng	100
50) Dimethylphthalate	14.069	163	2268190	37.652	ng	100
51) 2,6-Dinitrotoluene	14.186	165	499066	37.788	ng	98
52) Acenaphthene	14.675	154	1865911	38.113	ng	99
53) 3-Nitroaniline	14.516	138	529313	34.451	ng	97
54) 2,4-Dinitrophenol	14.716	184	290246	40.635	ng	96
55) Dibenzofuran	15.004	168	2893965	37.775	ng	100
56) 4-Nitrophenol	14.822	139	446256	37.300	ng	95
57) 2,4-Dinitrotoluene	14.969	165	639242	36.958	ng	100
58) Fluorene	15.657	166	2245835	37.424	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.233	232	570797	38.367	ng	99
60) Diethylphthalate	15.427	149	2209195	37.690	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1105663	37.503	ng	99
62) 4-Nitroaniline	15.674	138	516439	33.140	ng	98
63) Azobenzene	15.939	77	2345036	37.810	ng	98
65) 4,6-Dinitro-2-methylph...	15.733	198	365712	41.065	ng	94
66) n-Nitrosodiphenylamine	15.863	169	1885249	40.441	ng	100
67) 4-Bromophenyl-phenylether	16.539	248	616919	41.304	ng	97
68) Hexachlorobenzene	16.657	284	657237	39.363	ng	99
69) Atrazine	16.816	200	522448	41.030	ng	99
70) Pentachlorophenol	16.998	266	493640	40.197	ng	100
71) Phenanthrene	17.398	178	3105507	38.265	ng	100
72) Anthracene	17.486	178	3178059	39.266	ng	100
73) Carbazole	17.757	167	2836011	38.394	ng	99
74) Di-n-butylphthalate	18.321	149	3427458	38.416	ng	99
75) Fluoranthene	19.410	202	3191276	37.242	ng	100
77) Benzidine	19.639	184	56905m	7.007	ng	
78) Pyrene	19.768	202	3351070	42.380	ng	100
80) Butylbenzylphthalate	20.662	149	1398918	42.049	ng	98
81) Benzo(a)anthracene	21.515	228	2983585	39.353	ng	100
82) 3,3'-Dichlorobenzidine	21.451	252	773331	33.189	ng	100
83) Chrysene	21.568	228	2861675	38.809	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1950947	40.540	ng	100
85) Di-n-octyl phthalate	22.374	149	3329073	41.799	ng	98
87) Indeno(1,2,3-cd)pyrene	26.503	276	3491627	39.587	ng	99
88) Benzo(b)fluoranthene	23.221	252	2852291	38.517	ng	100
89) Benzo(k)fluoranthene	23.268	252	2930685	38.027	ng	99
90) Benzo(a)pyrene	23.856	252	2846508	39.939	ng	99
91) Dibenzo(a,h)anthracene	26.515	278	2935569	39.300	ng	99
92) Benzo(g,h,i)perylene	27.280	276	2895343	39.619	ng	99

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

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