Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060723\
Data File : BM040139.D
Acq On : 07 Jun 2023 13:43
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 07 15:19:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 16:45:42 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	258120	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	1200659	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	712222	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1500951	20.000	ng	0.00
76) Chrysene-d12	21.550	240	1584097	20.000	ng	0.00
86) Perylene-d12	23.991	264	1382011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1493564	88.758	ng	0.00
7) Phenol-d6	7.151	99	2215540	100.932	ng	0.00
23) Nitrobenzene-d5	9.163	82	1966281	88.369	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	975254	105.500	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	4791834	79.356	ng	0.00
79) Terphenyl-d14	19.992	244	8739680	85.664	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	273410	40.233	ng	98
3) Pyridine	3.810	79	877524	47.033	ng	99
4) n-Nitrosodimethylamine	3.722	42	346344	43.695	ng	100
6) Aniline	7.316	93	1278063	47.055	ng	100
8) 2-Chlorophenol	7.551	128	793602	44.804	ng	99
9) Benzaldehyde	7.128	77	563863	53.138	ng	99
10) Phenol	7.175	94	1050128	47.726	ng	99
11) bis(2-Chloroethyl)ether	7.410	93	816973	45.079	ng	98
12) 1,3-Dichlorobenzene	7.881	146	763201	40.689	ng	100
13) 1,4-Dichlorobenzene	8.028	146	787343	41.256	ng	98
14) 1,2-Dichlorobenzene	8.345	146	790872	42.262	ng	100
15) Benzyl Alcohol	8.234	79	712589	50.361	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.528	45	1071667	46.097	ng	99
17) 2-Methylphenol	8.434	107	770549	48.948	ng	99
18) Hexachloroethane	9.081	117	292014	42.206	ng	93
19) n-Nitroso-di-n-propyla...	8.810	70	698255	54.921	ng	99
20) 3+4-Methylphenols	8.769	107	1045786	50.343	ng	98
22) Acetophenone	8.822	105	1380031	42.584	ng	100
24) Nitrobenzene	9.204	77	988026	43.775	ng	98
25) Isophorone	9.733	82	1867152	46.014	ng	100
26) 2-Nitrophenol	9.916	139	398013	49.835	ng	99
27) 2,4-Dimethylphenol	9.975	122	806960	44.361	ng	100
28) bis(2-Chloroethoxy)met...	10.216	93	1155981	43.452	ng	99
29) 2,4-Dichlorophenol	10.451	162	733053	42.534	ng	98
30) 1,2,4-Trichlorobenzene	10.669	180	709121	37.583	ng	99
31) Naphthalene	10.857	128	2778975	41.949	ng	100
32) Benzoic acid	10.116	122	449841	38.533	ng	99
33) 4-Chloroaniline	10.963	127	1264219	45.287	ng	99
34) Hexachlorobutadiene	11.145	225	367856	34.735	ng	98
35) Caprolactam	11.763	113	265644	54.584	ng	96
36) 4-Chloro-3-methylphenol	12.086	107	889876	49.954	ng	97
37) 2-Methylnaphthalene	12.463	142	1953270	44.235	ng	99
38) 1-Methylnaphthalene	12.680	142	1847258	44.691	ng	99
40) 1,2,4,5-Tetrachloroben...	12.827	216	791788	35.149	ng	98
41) Hexachlorocyclopentadiene	12.810	237	402445	34.535	ng	99
43) 2,4,6-Trichlorophenol	13.069	196	552081	40.378	ng	100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.133	196	667397	41.010	ng	97
46) 1,1'-Biphenyl	13.469	154	2458185	40.314	ng	100
47) 2-Chloronaphthalene	13.510	162	1812424	39.819	ng	98
48) 2-Nitroaniline	13.716	65	597910	48.521	ng	99
49) Acenaphthylene	14.357	152	3115344	43.721	ng	100
50) Dimethylphthalate	14.092	163	2352813	43.822	ng	100
51) 2,6-Dinitrotoluene	14.210	165	475210	46.267	ng	99
52) Acenaphthene	14.698	154	2013194m	43.241	ng	
53) 3-Nitroaniline	14.539	138	615769	50.680	ng	98
54) 2,4-Dinitrophenol	14.739	184	189044	37.790	ng	96
55) Dibenzofuran	15.027	168	2956823	43.021	ng	99
56) 4-Nitrophenol	14.833	139	502325	53.445	ng	99
57) 2,4-Dinitrotoluene	14.992	165	658734	44.814	ng	100
58) Fluorene	15.674	166	2650470	46.391	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	542271	44.806	ng	96
60) Diethylphthalate	15.451	149	2474927	46.636	ng	99
61) 4-Chlorophenyl-phenyle...	15.668	204	1215834	43.496	ng	99
62) 4-Nitroaniline	15.698	138	705889	55.784	ng	98
63) Azobenzene	15.963	77	2694418	50.925	ng	100
65) 4,6-Dinitro-2-methylph...	15.751	198	318253	40.026	ng	94
66) n-Nitrosodiphenylamine	15.886	169	2157300	41.795	ng	100
67) 4-Bromophenyl-phenylether	16.562	248	644079	38.836	ng	99
68) Hexachlorobenzene	16.680	284	735542	38.809	ng	98
69) Atrazine	16.833	200	584391	45.517	ng	99
70) Pentachlorophenol	17.021	266	533927	42.914	ng	98
71) Phenanthrene	17.415	178	3854887	42.938	ng	99
72) Anthracene	17.509	178	3980972	44.754	ng	100
73) Carbazole	17.774	167	3780081	47.037	ng	99
74) Di-n-butylphthalate	18.339	149	4318366	42.486	ng	100
75) Fluoranthene	19.427	202	4203893	46.981	ng	99
77) Benzidine	19.609	184	1386555	56.366	ng	99
78) Pyrene	19.792	202	4614579	39.699	ng	100
80) Butylbenzylphthalate	20.686	149	1941814	41.365	ng	91
81) Benzo(a)anthracene	21.539	228	4801133	42.813	ng	99
82) 3,3'-Dichlorobenzidine	21.468	252	1696974	50.658	ng	100
83) Chrysene	21.592	228	4561981	42.399	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	3094937	41.185	ng	100
85) Di-n-octyl phthalate	22.397	149	4746152	41.602	ng	100
87) Indeno(1,2,3-cd)pyrene	26.538	276	3929790	35.757	ng	100
88) Benzo(b)fluoranthene	23.244	252	3939270	44.521	ng	99
89) Benzo(k)fluoranthene	23.297	252	4119530	42.578	ng	99
90) Benzo(a)pyrene	23.886	252	3572052	42.096	ng	98
91) Dibenzo(a,h)anthracene	26.550	278	3425900	36.106	ng	100
92) Benzo(g,h,i)perylene	27.321	276	2776950	33.114	ng	100

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

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