Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052224\
Data File : BM045745.D
Acq On : 22 May 2024 16:02
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 23 04:09:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 03:54:49 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	338742	20.000	ng	0.00
21) Naphthalene-d8	10.334	136	1419090	20.000	ng	0.00
39) Acenaphthene-d10	14.204	164	901771	20.000	ng	0.00
64) Phenanthrene-d10	16.951	188	1971128	20.000	ng	0.00
76) Chrysene-d12	21.168	240	1491793	20.000	ng	0.00
86) Perylene-d12	23.962	264	1650325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.252	112	2880125	151.589	ng	0.00
7) Phenol-d6	6.846	99	3887890	152.420	ng	0.00
23) Nitrobenzene-d5	8.740	82	4078965	156.357	ng	0.00
42) 2,4,6-Tribromophenol	15.710	330	1551072	162.392	ng	0.00
45) 2-Fluorobiphenyl	12.828	172	8424285	150.146	ng	0.00
79) Terphenyl-d14	19.592	244	12237994	150.990	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	606022	76.847	ng	99
3) Pyridine	3.605	79	1659518m	78.007	ng	
4) n-Nitrosodimethylamine	3.505	42	970885	79.673	ng	99
6) Aniline	6.946	93	1791373	73.427	ng	99
8) 2-Chlorophenol	7.175	128	1544615	74.230	ng	99
10) Phenol	6.869	94	1954064	75.802	ng	99
11) bis(2-Chloroethyl)ether	7.028	93	1695234	75.877	ng	100
12) 1,3-Dichlorobenzene	7.457	146	1866711	75.274	ng	99
13) 1,4-Dichlorobenzene	7.604	146	1885065	75.375	ng	99
14) 1,2-Dichlorobenzene	7.922	146	1696893	72.619	ng	100
15) Benzyl Alcohol	7.863	79	1524613	76.537	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.116	45	2475799	71.405	ng	99
17) 2-Methylphenol	8.081	107	1346058	75.326	ng	99
18) Hexachloroethane	8.634	117	751069	77.365	ng	96
19) n-Nitroso-di-n-propyla...	8.404	70	1295167	72.221	ng	97
20) 3+4-Methylphenols	8.416	107	1759222	73.930	ng	96
22) Acetophenone	8.410	105	2442173	74.411	ng	99
24) Nitrobenzene	8.781	77	2031399	76.562	ng	98
25) Isophorone	9.316	82	3856302	79.411	ng	100
26) 2-Nitrophenol	9.481	139	972571	81.071	ng	99
27) 2,4-Dimethylphenol	9.587	122	1179962	79.666	ng	99
28) bis(2-Chloroethoxy)met...	9.787	93	2354007	78.728	ng	99
29) 2,4-Dichlorophenol	10.028	162	1670551	82.478	ng	99
30) 1,2,4-Trichlorobenzene	10.198	180	1815993	79.178	ng	99
31) Naphthalene	10.386	128	5403289	76.855	ng	99
32) Benzoic acid	9.875	122	1213057	81.778	ng	99
33) 4-Chloroaniline	10.551	127	2107329	78.521	ng	99
34) Hexachlorobutadiene	10.669	225	1133732	80.627	ng	99
35) Caprolactam	11.433	113	578291m	88.297	ng	
36) 4-Chloro-3-methylphenol	11.716	107	1854506	80.520	ng	100
37) 2-Methylnaphthalene	12.004	142	3766699	76.913	ng	99
38) 1-Methylnaphthalene	12.228	142	3708213	76.744	ng	100
40) 1,2,4,5-Tetrachloroben...	12.369	216	1872241	80.506	ng	99
41) Hexachlorocyclopentadiene	12.357	237	822619	84.515	ng	100
43) 2,4,6-Trichlorophenol	12.651	196	1356853	86.451	ng	97
44) 2,4,5-Trichlorophenol	12.739	196	1514211	86.685	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.033	154	4706201	77.423	ng	99
47) 2-Chloronaphthalene	13.069	162	3730887	78.428	ng	100
48) 2-Nitroaniline	13.327	65	1330617	88.646	ng	97
49) Acenaphthylene	13.927	152	5624359	77.972	ng	100
50) Dimethylphthalate	13.710	163	4868815	79.819	ng	100
51) 2,6-Dinitrotoluene	13.810	165	1130850	86.378	ng	97
52) Acenaphthene	14.269	154	3532711	78.127	ng	100
53) 3-Nitroaniline	14.169	138	1172129	87.781	ng	98
54) 2,4-Dinitrophenol	14.345	184	616542	81.999	ng	98
55) Dibenzofuran	14.610	168	5428223	76.151	ng	100
56) 4-Nitrophenol	14.545	139	1003557	88.399	ng	98
57) 2,4-Dinitrotoluene	14.604	165	1504591	86.543	ng	97
58) Fluorene	15.257	166	4352027	74.699	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.857	232	1219563	83.973	ng	100
60) Diethylphthalate	15.069	149	5071337	79.566	ng	100
61) 4-Chlorophenyl-phenyle...	15.257	204	2200647	77.186	ng	99
62) 4-Nitroaniline	15.351	138	1130080	85.202	ng	98
63) Azobenzene	15.557	77	4688120	75.908	ng	98
65) 4,6-Dinitro-2-methylph...	15.363	198	833600	80.733	ng	99
66) n-Nitrosodiphenylamine	15.486	169	3804394	75.390	ng	100
67) 4-Bromophenyl-phenylether	16.151	248	1461818	78.055	ng	98
68) Hexachlorobenzene	16.251	284	1707281	76.529	ng	97
69) Atrazine	16.457	200	1002079	65.031	ng	99
70) Pentachlorophenol	16.621	266	1184400	87.027	ng	99
71) Phenanthrene	16.992	178	6935827	74.550	ng	99
72) Anthracene	17.080	178	6804097	74.387	ng	99
73) Carbazole	17.380	167	6841199	74.745	ng	99
74) Di-n-butylphthalate	17.939	149	8802657	77.452	ng	100
75) Fluoranthene	19.009	202	8394495	73.999	ng	99
77) Benzidine	19.227	184	2481298	97.405	ng	100
78) Pyrene	19.374	202	8649625	82.194	ng	99
80) Butylbenzylphthalate	20.298	149	3978637	87.283	ng	98
81) Benzo(a)anthracene	21.150	228	7575811	79.732	ng	100
82) 3,3'-Dichlorobenzidine	21.103	252	2561511	78.666	ng	99
83) Chrysene	21.215	228	7066779	79.292	ng	100
84) Bis(2-ethylhexyl)phtha...	21.092	149	5193825	81.145	ng	99
85) Di-n-octyl phthalate	22.156	149	9380508	84.037	ng	99
87) Indeno(1,2,3-cd)pyrene	27.080	276	6975985	73.463	ng	100
88) Benzo(b)fluoranthene	23.092	252	7582227	81.018	ng	99
89) Benzo(k)fluoranthene	23.156	252	7132810	80.297	ng	99
90) Benzo(a)pyrene	23.839	252	6582197	80.939	ng	99
91) Dibenzo(a,h)anthracene	27.132	278	5764731	73.285	ng	100
92) Benzo(g,h,i)perylene	28.050	276	5947553	72.887	ng	100

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

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