Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052224\
Data File : BM045744.D
Acq On : 22 May 2024 15:22
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

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

Quant Time: May 23 04:08:18 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	327490	20.000	ng	0.00
21) Naphthalene-d8	10.333	136	1405133	20.000	ng	0.00
39) Acenaphthene-d10	14.204	164	906680	20.000	ng	0.00
64) Phenanthrene-d10	16.951	188	1947497	20.000	ng	0.00
76) Chrysene-d12	21.168	240	1551084	20.000	ng	0.00
86) Perylene-d12	23.962	264	1812688	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	2119876	115.408	ng	0.00
7) Phenol-d6	6.840	99	2849377	115.544	ng	0.00
23) Nitrobenzene-d5	8.739	82	3051646	118.139	ng	0.00
42) 2,4,6-Tribromophenol	15.704	330	1191381	124.058	ng	0.00
45) 2-Fluorobiphenyl	12.827	172	6501716	115.253	ng	0.00
79) Terphenyl-d14	19.592	244	9911092	117.607	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	445381	58.417	ng	98
3) Pyridine	3.604	79	1276422m	62.061	ng	
4) n-Nitrosodimethylamine	3.504	42	701960	59.583	ng	97
6) Aniline	6.945	93	1363545	57.811	ng	98
8) 2-Chlorophenol	7.169	128	1150955	57.212	ng	99
9) Benzaldehyde	6.745	77	752036	50.060	ng	99
10) Phenol	6.869	94	1428332	57.311	ng	99
11) bis(2-Chloroethyl)ether	7.028	93	1262716	58.460	ng	99
12) 1,3-Dichlorobenzene	7.457	146	1392521	58.082	ng	99
13) 1,4-Dichlorobenzene	7.604	146	1404642	58.095	ng	100
14) 1,2-Dichlorobenzene	7.922	146	1272999	56.350	ng	99
15) Benzyl Alcohol	7.857	79	1127229	58.532	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.116	45	1897422m	56.604	ng	
17) 2-Methylphenol	8.081	107	1014840	58.742	ng	99
18) Hexachloroethane	8.634	117	554312	59.060	ng	97
19) n-Nitroso-di-n-propyla...	8.404	70	977121	56.358	ng	98
20) 3+4-Methylphenols	8.416	107	1318005	57.292	ng	99
22) Acetophenone	8.410	105	1843067	56.714	ng	99
24) Nitrobenzene	8.781	77	1530395	58.252	ng	97
25) Isophorone	9.316	82	2866367	59.612	ng	100
26) 2-Nitrophenol	9.481	139	704617	60.075	ng	98
27) 2,4-Dimethylphenol	9.586	122	879837	59.993	ng	99
28) bis(2-Chloroethoxy)met...	9.781	93	1754540	59.262	ng	99
29) 2,4-Dichlorophenol	10.028	162	1242615	61.959	ng	100
30) 1,2,4-Trichlorobenzene	10.198	180	1352265	59.545	ng	99
31) Naphthalene	10.386	128	4030625	57.900	ng	100
32) Benzoic acid	9.845	122	854935	60.002	ng	99
33) 4-Chloroaniline	10.551	127	1570255	59.090	ng	99
34) Hexachlorobutadiene	10.675	225	836051	60.047	ng	99
35) Caprolactam	11.422	113	428744m	66.114	ng	
36) 4-Chloro-3-methylphenol	11.710	107	1384099	60.692	ng	97
37) 2-Methylnaphthalene	12.004	142	2804877	57.843	ng	99
38) 1-Methylnaphthalene	12.227	142	2778308	58.070	ng	99
40) 1,2,4,5-Tetrachloroben...	12.369	216	1408377	60.232	ng	100
41) Hexachlorocyclopentadiene	12.357	237	619745	63.327	ng	100
43) 2,4,6-Trichlorophenol	12.645	196	1014174	64.268	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.739	196	1129117	64.289	ng	97
46) 1,1'-Biphenyl	13.033	154	3564134	58.317	ng	99
47) 2-Chloronaphthalene	13.069	162	2787241	58.274	ng	100
48) 2-Nitroaniline	13.321	65	983154	65.143	ng	99
49) Acenaphthylene	13.927	152	4241047	58.476	ng	99
50) Dimethylphthalate	13.704	163	3669867	59.838	ng	100
51) 2,6-Dinitrotoluene	13.810	165	845754	64.252	ng	97
52) Acenaphthene	14.268	154	2656751	58.437	ng	98
53) 3-Nitroaniline	14.168	138	876248	65.267	ng	97
54) 2,4-Dinitrophenol	14.345	184	438160	60.309	ng	97
55) Dibenzofuran	14.610	168	4144467	57.827	ng	98
56) 4-Nitrophenol	14.539	139	746290	65.382	ng	99
57) 2,4-Dinitrotoluene	14.598	165	1138577	65.136	ng	99
58) Fluorene	15.257	166	3352333	57.229	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.857	232	917032	62.801	ng	99
60) Diethylphthalate	15.068	149	3831496	59.788	ng	100
61) 4-Chlorophenyl-phenyle...	15.257	204	1664289	58.057	ng	99
62) 4-Nitroaniline	15.345	138	856444	64.221	ng	98
63) Azobenzene	15.551	77	3559570	57.323	ng	99
65) 4,6-Dinitro-2-methylph...	15.357	198	602223	60.344	ng	95
66) n-Nitrosodiphenylamine	15.486	169	2896728	58.100	ng	100
67) 4-Bromophenyl-phenylether	16.151	248	1092376	59.036	ng	99
68) Hexachlorobenzene	16.251	284	1304070	59.164	ng	98
69) Atrazine	16.457	200	831445	54.613	ng	98
70) Pentachlorophenol	16.621	266	899917	66.927	ng	98
71) Phenanthrene	16.992	178	5285073	57.496	ng	99
72) Anthracene	17.080	178	5235788	57.936	ng	100
73) Carbazole	17.374	167	5247427	58.027	ng	99
74) Di-n-butylphthalate	17.939	149	6722303	59.865	ng	100
75) Fluoranthene	19.009	202	6509551	58.079	ng	99
77) Benzidine	19.227	184	1775101	67.019	ng	99
78) Pyrene	19.374	202	6689440	61.137	ng	99
80) Butylbenzylphthalate	20.297	149	3036992	64.078	ng	96
81) Benzo(a)anthracene	21.150	228	5941087	60.137	ng	100
82) 3,3'-Dichlorobenzidine	21.097	252	2044278	60.382	ng	100
83) Chrysene	21.209	228	5532415	59.703	ng	100
84) Bis(2-ethylhexyl)phtha...	21.092	149	4082823	61.349	ng	99
85) Di-n-octyl phthalate	22.156	149	7261821	62.569	ng	100
87) Indeno(1,2,3-cd)pyrene	27.073	276	6099912	58.484	ng	100
88) Benzo(b)fluoranthene	23.091	252	6109416	59.433	ng	99
89) Benzo(k)fluoranthene	23.150	252	5811544	59.563	ng	99
90) Benzo(a)pyrene	23.833	252	5377360	60.201	ng	100
91) Dibenzo(a,h)anthracene	27.126	278	5035138	58.276	ng	99
92) Benzo(g,h,i)perylene	28.044	276	5208254	58.110	ng	100

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

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