Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052224\
Data File : BM045742.D
Acq On : 22 May 2024 14:02
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 23 04:05:27 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 :
SSTDICCC040

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	302671	20.000	ng	0.00
21) Naphthalene-d8	10.339	136	1314378	20.000	ng	0.00
39) Acenaphthene-d10	14.198	164	864604	20.000	ng	0.00
64) Phenanthrene-d10	16.951	188	1830479	20.000	ng	0.00
76) Chrysene-d12	21.168	240	1494276	20.000	ng	0.00
86) Perylene-d12	23.962	264	1750939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	1362757	80.273	ng	0.00
7) Phenol-d6	6.839	99	1818695	79.797	ng	0.00
23) Nitrobenzene-d5	8.733	82	1989199	82.326	ng	0.00
42) 2,4,6-Tribromophenol	15.704	330	777834	84.937	ng	0.00
45) 2-Fluorobiphenyl	12.827	172	4319598	80.298	ng	0.00
79) Terphenyl-d14	19.586	244	6840873	84.261	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	281066	39.888	ng	100
3) Pyridine	3.610	79	808697m	42.544	ng	
4) n-Nitrosodimethylamine	3.504	42	439084	40.326	ng	100
6) Aniline	6.945	93	892962	40.964	ng	100
8) 2-Chlorophenol	7.169	128	756780	40.703	ng	100
9) Benzaldehyde	6.745	77	540346	38.918	ng	100
10) Phenol	6.869	94	908463	39.441	ng	100
11) bis(2-Chloroethyl)ether	7.028	93	794218	39.785	ng	100
12) 1,3-Dichlorobenzene	7.457	146	889520	40.144	ng	100
13) 1,4-Dichlorobenzene	7.604	146	898172	40.194	ng	100
14) 1,2-Dichlorobenzene	7.922	146	832645	39.880	ng	100
15) Benzyl Alcohol	7.857	79	726704	40.829	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.110	45	1271882	41.054	ng	100
17) 2-Methylphenol	8.081	107	656858	41.139	ng	100
18) Hexachloroethane	8.633	117	354502	40.868	ng	100
19) n-Nitroso-di-n-propyla...	8.404	70	645482	40.283	ng	100
20) 3+4-Methylphenols	8.416	107	864930	40.680	ng	100
22) Acetophenone	8.410	105	1211596	39.857	ng	100
24) Nitrobenzene	8.775	77	1019239	41.475	ng	100
25) Isophorone	9.316	82	1859455	41.341	ng	100
26) 2-Nitrophenol	9.480	139	426008	39.827	ng	100
27) 2,4-Dimethylphenol	9.586	122	567762	41.387	ng	100
28) bis(2-Chloroethoxy)met...	9.786	93	1128186	40.737	ng	100
29) 2,4-Dichlorophenol	10.027	162	789251	42.071	ng	100
30) 1,2,4-Trichlorobenzene	10.198	180	861972	40.576	ng	100
31) Naphthalene	10.386	128	2619153	40.222	ng	100
32) Benzoic acid	9.822	122	480459	38.535	ng	100
33) 4-Chloroaniline	10.551	127	1025000	41.235	ng	100
34) Hexachlorobutadiene	10.674	225	526426	40.420	ng	100
35) Caprolactam	11.422	113	262408	43.258	ng	100
36) 4-Chloro-3-methylphenol	11.710	107	885138	41.493	ng	100
37) 2-Methylnaphthalene	12.004	142	1818265	40.086	ng	100
38) 1-Methylnaphthalene	12.227	142	1797081	40.155	ng	100
40) 1,2,4,5-Tetrachloroben...	12.368	216	908110	40.727	ng	100
41) Hexachlorocyclopentadiene	12.363	237	389447	41.731	ng	100
43) 2,4,6-Trichlorophenol	12.645	196	635061	42.202	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.739	196	700953	41.853	ng	100
46) 1,1'-Biphenyl	13.033	154	2339969	40.150	ng	100
47) 2-Chloronaphthalene	13.068	162	1814556	39.784	ng	100
48) 2-Nitroaniline	13.321	65	630817	43.831	ng	100
49) Acenaphthylene	13.921	152	2813356	40.679	ng	100
50) Dimethylphthalate	13.704	163	2399152	41.022	ng	100
51) 2,6-Dinitrotoluene	13.804	165	534959	42.618	ng	100
52) Acenaphthene	14.268	154	1756494	40.515	ng	100
53) 3-Nitroaniline	14.163	138	556037	43.432	ng	100
54) 2,4-Dinitrophenol	14.339	184	237443	37.734	ng	100
55) Dibenzofuran	14.604	168	2739879	40.089	ng	100
56) 4-Nitrophenol	14.539	139	455982	41.892	ng	100
57) 2,4-Dinitrotoluene	14.592	165	729635	43.772	ng	100
58) Fluorene	15.257	166	2252740	40.329	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.857	232	587567	42.196	ng	100
60) Diethylphthalate	15.068	149	2517635	41.198	ng	100
61) 4-Chlorophenyl-phenyle...	15.257	204	1093651	40.008	ng	100
62) 4-Nitroaniline	15.339	138	560703	44.091	ng	100
63) Azobenzene	15.551	77	2418050	40.835	ng	100
65) 4,6-Dinitro-2-methylph...	15.357	198	357286	39.889	ng	100
66) n-Nitrosodiphenylamine	15.486	169	1907283	40.700	ng	100
67) 4-Bromophenyl-phenylether	16.151	248	715279	41.128	ng	100
68) Hexachlorobenzene	16.251	284	847738	40.920	ng	100
69) Atrazine	16.456	200	580669	40.579	ng	100
70) Pentachlorophenol	16.621	266	545971	43.199	ng	100
71) Phenanthrene	16.992	178	3508087	40.604	ng	100
72) Anthracene	17.080	178	3486346	41.044	ng	100
73) Carbazole	17.374	167	3486090	41.014	ng	100
74) Di-n-butylphthalate	17.939	149	4439657	42.065	ng	100
75) Fluoranthene	19.009	202	4290157	40.724	ng	100
77) Benzidine	19.227	184	1394723	54.660	ng	100
78) Pyrene	19.374	202	4435360	42.077	ng	100
80) Butylbenzylphthalate	20.297	149	2008970	43.999	ng	100
81) Benzo(a)anthracene	21.150	228	3906664	41.047	ng	100
82) 3,3'-Dichlorobenzidine	21.097	252	1407198	43.145	ng	100
83) Chrysene	21.209	228	3632260	40.688	ng	100
84) Bis(2-ethylhexyl)phtha...	21.091	149	2726566	42.528	ng	100
85) Di-n-octyl phthalate	22.156	149	4749754	42.481	ng	100
87) Indeno(1,2,3-cd)pyrene	27.062	276	4146033	41.152	ng	100
88) Benzo(b)fluoranthene	23.085	252	4061319	40.902	ng	100
89) Benzo(k)fluoranthene	23.144	252	3808922	40.415	ng	100
90) Benzo(a)pyrene	23.832	252	3562478	41.289	ng	100
91) Dibenzo(a,h)anthracene	27.120	278	3440429	41.224	ng	100
92) Benzo(g,h,i)perylene	28.032	276	3544042	40.937	ng	100

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

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