Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050824\
Data File : BM045712.D
Acq On : 08 May 2024 14:05
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 08 14:56:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM050824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 08 14:48:54 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/10/2024
Supervised By :mohammad ahmed 05/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	743852	20.000	ng	0.00
21) Naphthalene-d8	10.422	136	3336603	20.000	ng	0.00
39) Acenaphthene-d10	14.286	164	2013955	20.000	ng	0.00
64) Phenanthrene-d10	17.033	188	4133617	20.000	ng	0.00
76) Chrysene-d12	21.221	240	3541818	20.000	ng	0.00
86) Perylene-d12	23.421	264	3729038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.258	112	7440288	166.324	ng	0.00
7) Phenol-d6	6.828	99	10097516	166.475	ng	0.00
23) Nitrobenzene-d5	8.799	82	9750152	167.293	ng	0.00
42) 2,4,6-Tribromophenol	15.780	330	3526499	178.753	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	16403295	132.543	ng	0.00
79) Terphenyl-d14	19.668	244	17439978m	-20.000	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	1366427	80.383	ng	99
3) Pyridine	3.605	79	4280446m	85.160	ng	
4) n-Nitrosodimethylamine	3.522	42	2172546	82.572	ng	99
6) Aniline	6.993	93	4445338	73.928	ng	98
8) 2-Chlorophenol	7.216	128	4001292	80.719	ng	99
9) Benzaldehyde	6.793	77	1751751	77.645	ng	99
10) Phenol	6.857	94	5028704	82.123	ng	99
11) bis(2-Chloroethyl)ether	7.087	93	4198782	80.901	ng	99
12) 1,3-Dichlorobenzene	7.540	146	4434996	79.697	ng	99
13) 1,4-Dichlorobenzene	7.681	146	4494798	79.760	ng	99
14) 1,2-Dichlorobenzene	7.999	146	4215294	78.206	ng	99
15) Benzyl Alcohol	7.887	79	3523668	82.084	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.187	45	6260052	78.222	ng	99
17) 2-Methylphenol	8.087	107	3353469	80.612	ng	99
18) Hexachloroethane	8.722	117	1780205	81.243	ng	100
19) n-Nitroso-di-n-propyla...	8.469	70	3269659	78.522	ng	99
20) 3+4-Methylphenols	8.428	107	4775249	82.193	ng	97
22) Acetophenone	8.469	105	6349559	79.928	ng	99
24) Nitrobenzene	8.840	77	4779754	82.390	ng	99
25) Isophorone	9.369	82	9323616	80.120	ng	99
26) 2-Nitrophenol	9.540	139	2137778	82.939	ng	99
27) 2,4-Dimethylphenol	9.610	122	2881519	81.885	ng	100
28) bis(2-Chloroethoxy)met...	9.857	93	5734951	80.683	ng	99
29) 2,4-Dichlorophenol	10.075	162	3775956	86.054	ng	99
30) 1,2,4-Trichlorobenzene	10.287	180	4062822	81.863	ng	99
31) Naphthalene	10.475	128	13445071	79.740	ng	99
32) Benzoic acid	9.810	122	2886196	79.790	ng	100
33) 4-Chloroaniline	10.587	127	5522734	82.538	ng	100
34) Hexachlorobutadiene	10.769	225	2311067	81.608	ng	99
35) Caprolactam	11.387	113	1424798	86.013	ng	98
36) 4-Chloro-3-methylphenol	11.716	107	4410234	85.454	ng	99
37) 2-Methylnaphthalene	12.092	142	9362479	81.177	ng	99
38) 1-Methylnaphthalene	12.316	142	9148275	80.233	ng	99
40) 1,2,4,5-Tetrachloroben...	12.463	216	4142269	83.417	ng	100
41) Hexachlorocyclopentadiene	12.451	237	1529858	87.219	ng	99
43) 2,4,6-Trichlorophenol	12.704	196	2871545	89.445	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.781	196	3177857	88.988	ng		98
46) 1,1'-Biphenyl	13.122	154	11307489	80.959	ng		99
47) 2-Chloronaphthalene	13.157	162	8865372	81.048	ng		99
48) 2-Nitroaniline	13.357	65	2816351	81.757	ng		96
49) Acenaphthylene	14.004	152	13259227	79.364	ng		97
50) Dimethylphthalate	13.769	163	11245428	81.870	ng		100
51) 2,6-Dinitrotoluene	13.869	165	2512620	91.275	ng		96
52) Acenaphthene	14.351	154	8607547	81.678	ng		98
53) 3-Nitroaniline	14.192	138	2871189	93.064	ng		97
54) 2,4-Dinitrophenol	14.392	184	1018876	79.622	ng		98
55) Dibenzofuran	14.686	168	12549838	78.444	ng		97
56) 4-Nitrophenol	14.504	139	2402348	81.790	ng		97
57) 2,4-Dinitrotoluene	14.657	165	3475235	81.651	ng		97
58) Fluorene	15.339	166	10941735	80.653	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.916	232	2593285	88.047	ng		100
60) Diethylphthalate	15.145	149	12115370	81.340	ng		99
61) 4-Chlorophenyl-phenyle...	15.345	204	5236097	81.449	ng		98
62) 4-Nitroaniline	15.363	138	3026280	90.154	ng		100
63) Azobenzene	15.639	77	11422631	78.878	ng		98
65) 4,6-Dinitro-2-methylph...	15.422	198	1540633	79.591	ng		98
66) n-Nitrosodiphenylamine	15.563	169	9129851	80.697	ng		100
67) 4-Bromophenyl-phenylether	16.239	248	3258037	82.606	ng		96
68) Hexachlorobenzene	16.339	284	3772140	82.036	ng		96
69) Atrazine	16.522	200	2523173	73.538	ng		99
70) Pentachlorophenol	16.680	266	2562363	89.002	ng		100
71) Phenanthrene	17.069	178	14194323	72.604	ng		95
72) Anthracene	17.069	178	14194323	72.750	ng		94
73) Carbazole	17.427	167	14309792	72.154	ng	#	93
74) Di-n-butylphthalate	18.027	149	14595290	59.597	ng	#	83
75) Fluoranthene	19.086	202	14689391	64.357	ng		87
77) Benzidine	19.286	184	14997467	147.495	ng		94
78) Pyrene	19.451	202	15381329	67.483	ng	#	75
80) Butylbenzylphthalate	20.392	149	9912576	81.722	ng		94
81) Benzo(a)anthracene	21.204	228	15041301	67.899	ng	#	77
82) 3,3'-Dichlorobenzidine	21.145	252	7353246	89.068	ng		98
83) Chrysene	21.257	228	13469444	66.105	ng	#	81
84) Bis(2-ethylhexyl)phtha...	21.180	149	11996019	74.169	ng		97
85) Di-n-octyl phthalate	22.056	149	15414827	61.318	ng	#	85
87) Indeno(1,2,3-cd)pyrene	25.639	276	18354219	76.762	ng		100
88) Benzo(b)fluoranthene	22.762	252	17463545	79.955	ng		97
89) Benzo(k)fluoranthene	22.815	252	16017491m	77.505	ng		
90) Benzo(a)pyrene	23.333	252	16020273	83.511	ng		98
91) Dibenzo(a,h)anthracene	25.662	278	15168493	76.462	ng		100
92) Benzo(g,h,i)perylene	26.303	276	14559067	75.134	ng		99

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

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