Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050824\
Data File : BM045710.D
Acq On : 08 May 2024 12:51
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 08 14:55:43 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 :
SSTDICC050

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	665645	20.000	ng	0.00
21) Naphthalene-d8	10.422	136	3056605	20.000	ng	0.00
39) Acenaphthene-d10	14.280	164	1906630	20.000	ng	0.00
64) Phenanthrene-d10	17.027	188	3883320	20.000	ng	0.00
76) Chrysene-d12	21.221	240	3387756	20.000	ng	0.00
86) Perylene-d12	23.415	264	3945025	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.258	112	3965142	99.053	ng	0.00
7) Phenol-d6	6.822	99	5465315	100.691	ng	0.00
23) Nitrobenzene-d5	8.793	82	5389718	100.948	ng	0.00
42) 2,4,6-Tribromophenol	15.775	330	1914880	102.526	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	11734651	100.157	ng	0.00
79) Terphenyl-d14	19.668	244	14009789	96.764	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	736996	48.449	ng	100
3) Pyridine	3.599	79	2243235m	49.873	ng	
4) n-Nitrosodimethylamine	3.522	42	1163800	49.429	ng	97
6) Aniline	6.987	93	2756353	51.225	ng	99
8) 2-Chlorophenol	7.216	128	2196059	49.507	ng	100
9) Benzaldehyde	6.793	77	1254230	48.632	ng	99
10) Phenol	6.846	94	2733530	49.886	ng	100
11) bis(2-Chloroethyl)ether	7.087	93	2302008	49.566	ng	97
12) 1,3-Dichlorobenzene	7.534	146	2425989	48.717	ng	98
13) 1,4-Dichlorobenzene	7.681	146	2471846	49.016	ng	100
14) 1,2-Dichlorobenzene	7.993	146	2355677	48.839	ng	99
15) Benzyl Alcohol	7.881	79	1931538	50.281	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.181	45	3507697	48.980	ng	99
17) 2-Methylphenol	8.087	107	1849776	49.690	ng	99
18) Hexachloroethane	8.716	117	963462	49.135	ng	97
19) n-Nitroso-di-n-propyla...	8.457	70	1843909	49.485	ng	99
20) 3+4-Methylphenols	8.416	107	2610787	50.218	ng	99
22) Acetophenone	8.463	105	3564953	48.986	ng	99
24) Nitrobenzene	8.834	77	2648429	49.834	ng	98
25) Isophorone	9.363	82	5229518	49.055	ng	99
26) 2-Nitrophenol	9.540	139	1068430	47.444	ng	99
27) 2,4-Dimethylphenol	9.610	122	1597729	49.562	ng	99
28) bis(2-Chloroethoxy)met...	9.851	93	3204227	49.209	ng	100
29) 2,4-Dichlorophenol	10.069	162	2043019	50.826	ng	100
30) 1,2,4-Trichlorobenzene	10.287	180	2242706	49.328	ng	99
31) Naphthalene	10.469	128	7555402	48.914	ng	100
32) Benzoic acid	9.763	122	1362951	49.600	ng	100
33) 4-Chloroaniline	10.581	127	3033370	49.487	ng	100
34) Hexachlorobutadiene	10.769	225	1276482	49.204	ng	98
35) Caprolactam	11.357	113	784669	51.708	ng	96
36) 4-Chloro-3-methylphenol	11.710	107	2412521	51.028	ng	100
37) 2-Methylnaphthalene	12.092	142	5226737	49.470	ng	100
38) 1-Methylnaphthalene	12.310	142	5139757	49.206	ng	100
40) 1,2,4,5-Tetrachloroben...	12.463	216	2301367	48.954	ng	100
41) Hexachlorocyclopentadiene	12.451	237	835476	50.313	ng	97
43) 2,4,6-Trichlorophenol	12.704	196	1557933	51.259	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.769	196	1724142	50.998	ng	98
46) 1,1'-Biphenyl	13.116	154	6427310	48.609	ng	99
47) 2-Chloronaphthalene	13.151	162	5016220	48.440	ng	99
48) 2-Nitroaniline	13.351	65	1514145	48.033	ng	98
49) Acenaphthylene	14.004	152	7738191	48.925	ng	99
50) Dimethylphthalate	13.757	163	6374695	49.022	ng	100
51) 2,6-Dinitrotoluene	13.863	165	1367768	52.483	ng	95
52) Acenaphthene	14.351	154	4841021	48.523	ng	99
53) 3-Nitroaniline	14.186	138	1544026	52.864	ng	98
54) 2,4-Dinitrophenol	14.386	184	441677	49.171	ng	99
55) Dibenzofuran	14.686	168	7355315	48.563	ng	100
56) 4-Nitrophenol	14.492	139	1283626	47.769	ng	98
57) 2,4-Dinitrotoluene	14.645	165	1868757	47.991	ng	99
58) Fluorene	15.333	166	6234890	48.545	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.910	232	1416408	50.797	ng	99
60) Diethylphthalate	15.139	149	6902854	48.953	ng	100
61) 4-Chlorophenyl-phenyle...	15.339	204	2926439	48.084	ng	99
62) 4-Nitroaniline	15.351	138	1660910	52.264	ng	99
63) Azobenzene	15.633	77	6619705	48.285	ng	100
65) 4,6-Dinitro-2-methylph...	15.410	198	722242	49.469	ng	100
66) n-Nitrosodiphenylamine	15.557	169	5184398	48.778	ng	100
67) 4-Bromophenyl-phenylether	16.233	248	1819173	49.097	ng	99
68) Hexachlorobenzene	16.339	284	2107179	48.781	ng	99
69) Atrazine	16.516	200	1557397	48.316	ng	99
70) Pentachlorophenol	16.680	266	1369141	50.622	ng	99
71) Phenanthrene	17.069	178	9124393	49.679	ng	100
72) Anthracene	17.163	178	9049831	49.372	ng	100
73) Carbazole	17.427	167	9208082	49.422	ng	99
74) Di-n-butylphthalate	18.027	149	11657314	50.669	ng	97
75) Fluoranthene	19.092	202	11002486	51.311	ng	99
77) Benzidine	19.280	184	5682714	58.429	ng	100
78) Pyrene	19.451	202	11210239	51.420	ng	97
80) Butylbenzylphthalate	20.386	149	5369800	47.926	ng	100
81) Benzo(a)anthracene	21.204	228	10799112	50.966	ng	99
82) 3,3'-Dichlorobenzidine	21.145	252	4079534	51.661	ng	99
83) Chrysene	21.256	228	9988442	51.250	ng	100
84) Bis(2-ethylhexyl)phtha...	21.186	149	8480632	54.819	ng	99
85) Di-n-octyl phthalate	22.062	149	12474947	51.880	ng	97
87) Indeno(1,2,3-cd)pyrene	25.633	276	12711477	50.252	ng	100
88) Benzo(b)fluoranthene	22.768	252	11456834	49.582	ng	100
89) Benzo(k)fluoranthene	22.815	252	11126073	50.889	ng	99
90) Benzo(a)pyrene	23.327	252	10148564	50.006	ng	100
91) Dibenzo(a,h)anthracene	25.650	278	10511069	50.084	ng	99
92) Benzo(g,h,i)perylene	26.297	276	10266659	50.082	ng	100

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

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