Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091823\
Data File : BM041895.D
Acq On : 18 Sep 2023 14:29
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 18 15:29:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 15:23:28 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/19/2023
Supervised By :Sohil Jodhani 09/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	306886	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	1327930	20.000	ng	0.00
39) Acenaphthene-d10	14.615	164	828467	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1758196	20.000	ng	0.00
76) Chrysene-d12	21.544	240	1492599	20.000	ng	0.00
86) Perylene-d12	23.962	264	1456744	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	2210622	119.669	ng	0.00
7) Phenol-d6	7.116	99	3071018	121.723	ng	0.00
23) Nitrobenzene-d5	9.169	82	3191017	114.697	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	1276813	99.247	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	6667193	108.607	ng	0.00
79) Terphenyl-d14	19.980	244	9792777	115.460	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	446348	57.040	ng	99
3) Pyridine	3.822	79	1418817m	67.191	ng	
4) n-Nitrosodimethylamine	3.746	42	674173	68.573	ng	98
6) Aniline	7.310	93	2082108	68.407	ng	99
8) 2-Chlorophenol	7.528	128	1244406	64.238	ng	98
9) Benzaldehyde	7.128	77	741103	52.648	ng	99
10) Phenol	7.145	94	1595697	64.982	ng	100
11) bis(2-Chloroethyl)ether	7.404	93	1327583	66.901	ng	99
12) 1,3-Dichlorobenzene	7.851	146	1318493	61.588	ng	98
13) 1,4-Dichlorobenzene	8.004	146	1338256	61.868	ng	99
14) 1,2-Dichlorobenzene	8.316	146	1277983	61.274	ng	99
15) Benzyl Alcohol	8.222	79	1253354	69.158	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.492	45	2014817	80.993	ng	99
17) 2-Methylphenol	8.398	107	1161468	65.774	ng	99
18) Hexachloroethane	9.033	117	504845	61.390	ng	100
19) n-Nitroso-di-n-propyla...	8.792	70	1161545	66.100	ng	98
20) 3+4-Methylphenols	8.739	107	1606096	66.109	ng	100
22) Acetophenone	8.816	105	2027592	58.865	ng	99
24) Nitrobenzene	9.210	77	1591539	57.371	ng	99
25) Isophorone	9.722	82	3161875	61.697	ng	100
26) 2-Nitrophenol	9.904	139	744761	61.415	ng	99
27) 2,4-Dimethylphenol	9.939	122	1287178	65.008	ng	99
28) bis(2-Chloroethoxy)met...	10.198	93	1819837	60.841	ng	100
29) 2,4-Dichlorophenol	10.422	162	1255838	58.765	ng	99
30) 1,2,4-Trichlorobenzene	10.633	180	1272373	54.149	ng	99
31) Naphthalene	10.839	128	4039727	58.422	ng	100
32) Benzoic acid	10.116	122	1092853	68.535	ng	99
33) 4-Chloroaniline	10.969	127	1825323	62.206	ng	99
34) Hexachlorobutadiene	11.069	225	781436	50.750	ng	100
35) Caprolactam	11.821	113	451368	66.696	ng	99
36) 4-Chloro-3-methylphenol	12.063	107	1386166	60.620	ng	98
37) 2-Methylnaphthalene	12.439	142	2948526	58.523	ng	99
38) 1-Methylnaphthalene	12.663	142	2768564	58.249	ng	99
40) 1,2,4,5-Tetrachloroben...	12.792	216	1500498	56.059	ng	100
41) Hexachlorocyclopentadiene	12.739	237	897540	70.485	ng	99
43) 2,4,6-Trichlorophenol	13.039	196	1039035	57.942	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	1203658	57.846	ng	99
46) 1,1'-Biphenyl	13.451	154	3667231	58.530	ng	99
47) 2-Chloronaphthalene	13.504	162	2700216	56.440	ng	99
48) 2-Nitroaniline	13.727	65	1013431	64.326	ng	99
49) Acenaphthylene	14.345	152	4431376	57.006	ng	99
50) Dimethylphthalate	14.080	163	3700513	57.254	ng	100
51) 2,6-Dinitrotoluene	14.221	165	806693	58.411	ng	98
52) Acenaphthene	14.686	154	2681291	57.634	ng	99
53) 3-Nitroaniline	14.562	138	911084	65.126	ng	100
54) 2,4-Dinitrophenol	14.757	184	526533	61.011	ng	98
55) Dibenzofuran	15.015	168	4235298	54.565	ng	99
56) 4-Nitrophenol	14.839	139	731661	68.615	ng	99
57) 2,4-Dinitrotoluene	15.004	165	1076519	57.093	ng	99
58) Fluorene	15.668	166	3325295	53.551	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.233	232	980781	55.690	ng	99
60) Diethylphthalate	15.427	149	3640699	56.438	ng	98
61) 4-Chlorophenyl-phenyle...	15.657	204	1811097	54.167	ng	94
62) 4-Nitroaniline	15.727	138	870833	67.799	ng	98
63) Azobenzene	15.951	77	3701131	57.072	ng	100
65) 4,6-Dinitro-2-methylph...	15.757	198	671277	60.226	ng	97
66) n-Nitrosodiphenylamine	15.880	169	2994787	57.997	ng	99
67) 4-Bromophenyl-phenylether	16.551	248	1131540	56.638	ng	99
68) Hexachlorobenzene	16.639	284	1199692	55.254	ng	100
69) Atrazine	16.827	200	947276	64.122	ng	98
70) Pentachlorophenol	16.998	266	934186	60.860	ng	99
71) Phenanthrene	17.415	178	5280237	57.141	ng	99
72) Anthracene	17.503	178	5427117	57.822	ng	100
73) Carbazole	17.786	167	4955194	59.124	ng	100
74) Di-n-butylphthalate	18.303	149	6428139	60.755	ng	100
75) Fluoranthene	19.421	202	6310774	57.255	ng	99
77) Benzidine	19.621	184	1747340	92.604	ng	100
78) Pyrene	19.792	202	6479483	61.202	ng	100
80) Butylbenzylphthalate	20.662	149	2893404	66.881	ng	94
81) Benzo(a)anthracene	21.527	228	6065043	59.532	ng	99
82) 3,3'-Dichlorobenzidine	21.468	252	2090189	62.644	ng	99
83) Chrysene	21.586	228	5618717	58.057	ng	100
84) Bis(2-ethylhexyl)phtha...	21.403	149	4216095	67.764	ng	99
85) Di-n-octyl phthalate	22.338	149	7038001	68.234	ng	100
87) Indeno(1,2,3-cd)pyrene	26.491	276	5193382	55.059	ng	99
88) Benzo(b)fluoranthene	23.221	252	5289702	60.870	ng	99
89) Benzo(k)fluoranthene	23.274	252	5324117	60.701	ng	99
90) Benzo(a)pyrene	23.862	252	4955322	59.853	ng	100
91) Dibenzo(a,h)anthracene	26.503	278	4369159	55.036	ng	99
92) Benzo(g,h,i)perylene	27.268	276	4121195	54.014	ng	99

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

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