Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091823\
Data File : BM041894.D
Acq On : 18 Sep 2023 13:52
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 18 15:28:45 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 :
SSTDICC050

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	329524	20.000	ng		0.00
21) Naphthalene-d8	10.787	136	1448157	20.000	ng		0.00
39) Acenaphthene-d10	14.616	164	909464	20.000	ng		0.00
64) Phenanthrene-d10	17.369	188	1946770	20.000	ng		0.00
76) Chrysene-d12	21.545	240	1616661	20.000	ng		0.00
86) Perylene-d12	23.962	264	1554639	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.505	112	1925085	97.052	ng		0.00
7) Phenol-d6	7.116	99	2685798	99.141	ng		0.00
23) Nitrobenzene-d5	9.163	82	2810086	92.619	ng		0.00
42) 2,4,6-Tribromophenol	16.110	330	1126507	79.765	ng		0.00
45) 2-Fluorobiphenyl	13.234	172	5979205	88.725	ng		0.00
79) Terphenyl-d14	19.980	244	8928856	97.195	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	386644	46.016	ng		98
3) Pyridine	3.822	79	1227092m	54.119	ng		
4) n-Nitrosodimethylamine	3.746	42	585777	55.489	ng		99
6) Aniline	7.310	93	1806746	55.282	ng		100
8) 2-Chlorophenol	7.522	128	1081052	51.972	ng		99
9) Benzaldehyde	7.128	77	687591	45.491	ng		100
10) Phenol	7.146	94	1389397	52.694	ng		99
11) bis(2-Chloroethyl)ether	7.399	93	1157795	54.337	ng		98
12) 1,3-Dichlorobenzene	7.846	146	1151743	50.103	ng		99
13) 1,4-Dichlorobenzene	8.005	146	1165924	50.198	ng		100
14) 1,2-Dichlorobenzene	8.316	146	1118253	49.932	ng		99
15) Benzyl Alcohol	8.222	79	1087734	55.896	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.493	45	1769562	66.247	ng		98
17) 2-Methylphenol	8.399	107	1011969	53.371	ng		99
18) Hexachloroethane	9.034	117	440225	49.855	ng		99
19) n-Nitroso-di-n-propyla...	8.787	70	1024833	54.314	ng		100
20) 3+4-Methylphenols	8.734	107	1400865	53.700	ng		98
22) Acetophenone	8.810	105	1780298	47.394	ng	#	100
24) Nitrobenzene	9.204	77	1397824	46.205	ng		100
25) Isophorone	9.716	82	2776387	49.677	ng		100
26) 2-Nitrophenol	9.904	139	647757	48.981	ng		99
27) 2,4-Dimethylphenol	9.940	122	1134082	52.521	ng		98
28) bis(2-Chloroethoxy)met...	10.198	93	1608324	49.306	ng		99
29) 2,4-Dichlorophenol	10.422	162	1106847	47.494	ng		98
30) 1,2,4-Trichlorobenzene	10.634	180	1120963	43.745	ng		98
31) Naphthalene	10.840	128	3567329	47.307	ng		100
32) Benzoic acid	10.104	122	948824	54.563	ng		96
33) 4-Chloroaniline	10.963	127	1605680	50.178	ng		100
34) Hexachlorobutadiene	11.069	225	683819	40.723	ng		100
35) Caprolactam	11.816	113	400287	54.238	ng		100
36) 4-Chloro-3-methylphenol	12.063	107	1226393	49.180	ng		99
37) 2-Methylnaphthalene	12.440	142	2621871	47.719	ng		99
38) 1-Methylnaphthalene	12.663	142	2451291	47.292	ng		100
40) 1,2,4,5-Tetrachloroben...	12.792	216	1327605	45.183	ng		99
41) Hexachlorocyclopentadiene	12.739	237	782171	55.954	ng		100
43) 2,4,6-Trichlorophenol	13.039	196	905445	45.995	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	1057012	46.274	ng	99
46) 1,1'-Biphenyl	13.451	154	3259234	47.385	ng	100
47) 2-Chloronaphthalene	13.498	162	2390085	45.509	ng	99
48) 2-Nitroaniline	13.728	65	890642	51.497	ng	100
49) Acenaphthylene	14.345	152	3950796	46.298	ng	99
50) Dimethylphthalate	14.081	163	3259997	45.946	ng	99
51) 2,6-Dinitrotoluene	14.222	165	711948	46.960	ng	97
52) Acenaphthene	14.681	154	2367305	46.353	ng	99
53) 3-Nitroaniline	14.557	138	805885	52.476	ng	97
54) 2,4-Dinitrophenol	14.757	184	456528	48.188	ng	98
55) Dibenzofuran	15.016	168	3777481	44.332	ng	99
56) 4-Nitrophenol	14.839	139	636605	54.383	ng	98
57) 2,4-Dinitrotoluene	14.998	165	951807	45.984	ng	99
58) Fluorene	15.663	166	2976929	43.672	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.228	232	859242	44.444	ng	100
60) Diethylphthalate	15.428	149	3232424	45.646	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1604941	43.726	ng	98
62) 4-Nitroaniline	15.728	138	771438	54.711	ng	99
63) Azobenzene	15.951	77	3304465	46.418	ng	100
65) 4,6-Dinitro-2-methylph...	15.751	198	586511	47.524	ng	99
66) n-Nitrosodiphenylamine	15.880	169	2654265	46.423	ng	99
67) 4-Bromophenyl-phenylether	16.551	248	1000457	45.226	ng	98
68) Hexachlorobenzene	16.639	284	1049123	43.639	ng	100
69) Atrazine	16.822	200	833575	50.959	ng	99
70) Pentachlorophenol	16.992	266	816548	48.043	ng	100
71) Phenanthrene	17.410	178	4685651	45.795	ng	100
72) Anthracene	17.504	178	4811945	46.302	ng	100
73) Carbazole	17.786	167	4383373	47.235	ng	100
74) Di-n-butylphthalate	18.304	149	5696522	48.625	ng	100
75) Fluoranthene	19.421	202	5552774	45.498	ng	100
77) Benzidine	19.621	184	1541239	75.413	ng	99
78) Pyrene	19.786	202	5674343	49.484	ng	100
80) Butylbenzylphthalate	20.663	149	2535374	54.108	ng	95
81) Benzo(a)anthracene	21.527	228	5251414	47.590	ng	100
82) 3,3'-Dichlorobenzidine	21.462	252	1817824	50.301	ng	100
83) Chrysene	21.580	228	4851123	46.279	ng	100
84) Bis(2-ethylhexyl)phtha...	21.404	149	3689032	54.742	ng	99
85) Di-n-octyl phthalate	22.333	149	6134620	54.911	ng	100
87) Indeno(1,2,3-cd)pyrene	26.486	276	4421470	43.924	ng	100
88) Benzo(b)fluoranthene	23.221	252	4551509	49.077	ng	100
89) Benzo(k)fluoranthene	23.268	252	4478497	47.845	ng	99
90) Benzo(a)pyrene	23.862	252	4229096	47.865	ng	99
91) Dibenzo(a,h)anthracene	26.497	278	3707322	43.758	ng	99
92) Benzo(g,h,i)perylene	27.268	276	3513953	43.155	ng	99

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

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