Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091823\
Data File : BM041896.D
Acq On : 18 Sep 2023 15:06
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 18 15:40:09 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 :
SSTDICC080

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	290665	20.000	ng		0.00
21) Naphthalene-d8	10.787	136	1227715	20.000	ng		0.00
39) Acenaphthene-d10	14.616	164	755519	20.000	ng		0.00
64) Phenanthrene-d10	17.368	188	1626624	20.000	ng		0.00
76) Chrysene-d12	21.545	240	1365785	20.000	ng		0.00
86) Perylene-d12	23.962	264	1370237	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	2849115	162.840	ng		0.00
7) Phenol-d6	7.122	99	3954462	165.486	ng		0.01
23) Nitrobenzene-d5	9.169	82	4049791	157.446	ng		0.00
42) 2,4,6-Tribromophenol	16.116	330	1605077	136.809	ng		0.00
45) 2-Fluorobiphenyl	13.239	172	8159530	145.750	ng		0.00
79) Terphenyl-d14	19.980	244	11626357	149.806	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	582836	78.638	ng		98
3) Pyridine	3.822	79	1868036m	93.401	ng		
4) n-Nitrosodimethylamine	3.746	42	879726	94.475	ng		100
6) Aniline	7.316	93	2699295	93.633	ng		100
8) 2-Chlorophenol	7.528	128	1594217	86.888	ng		99
10) Phenol	7.151	94	2065720	88.818	ng		99
11) bis(2-Chloroethyl)ether	7.404	93	1710102	90.986	ng		99
12) 1,3-Dichlorobenzene	7.851	146	1702934	83.985	ng		99
13) 1,4-Dichlorobenzene	8.004	146	1718949	83.903	ng		99
14) 1,2-Dichlorobenzene	8.322	146	1615800	81.795	ng		100
15) Benzyl Alcohol	8.222	79	1621300	94.453	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.493	45	2569499m	109.055	ng		
17) 2-Methylphenol	8.404	107	1490720	89.131	ng		98
18) Hexachloroethane	9.034	117	648561	83.268	ng		99
19) n-Nitroso-di-n-propyla...	8.793	70	1468604	88.238	ng		100
20) 3+4-Methylphenols	8.745	107	2061269	89.580	ng		100
22) Acetophenone	8.816	105	2553427	80.182	ng	#	100
24) Nitrobenzene	9.210	77	2035586	79.367	ng		100
25) Isophorone	9.728	82	4032655	85.112	ng		99
26) 2-Nitrophenol	9.910	139	964536	86.030	ng		97
27) 2,4-Dimethylphenol	9.940	122	1644223	89.819	ng		100
28) bis(2-Chloroethoxy)met...	10.198	93	2314145	83.683	ng		99
29) 2,4-Dichlorophenol	10.428	162	1615637	81.773	ng		99
30) 1,2,4-Trichlorobenzene	10.639	180	1642631	75.612	ng		99
31) Naphthalene	10.839	128	5115418	80.017	ng		99
32) Benzoic acid	10.139	122	1439942	97.673	ng		99
33) 4-Chloroaniline	10.969	127	2340980	86.292	ng		99
34) Hexachlorobutadiene	11.069	225	1010570	70.989	ng		99
35) Caprolactam	11.833	113	580585m	92.793	ng		
36) 4-Chloro-3-methylphenol	12.069	107	1779622	84.179	ng		98
37) 2-Methylnaphthalene	12.445	142	3716038	79.777	ng		100
38) 1-Methylnaphthalene	12.663	142	3506181	79.790	ng		99
40) 1,2,4,5-Tetrachloroben...	12.792	216	1922348	78.754	ng		99
41) Hexachlorocyclopentadiene	12.739	237	1170517	100.798	ng		99
43) 2,4,6-Trichlorophenol	13.045	196	1321990	80.839	ng		99
44) 2,4,5-Trichlorophenol	13.116	196	1542116	81.267	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.451	154	4613940	80.750	ng	100
47) 2-Chloronaphthalene	13.504	162	3407738	78.107	ng	99
48) 2-Nitroaniline	13.733	65	1291408	89.885	ng	99
49) Acenaphthylene	14.351	152	5474588	77.226	ng	99
50) Dimethylphthalate	14.086	163	4644865	78.803	ng	99
51) 2,6-Dinitrotoluene	14.222	165	1028282	81.645	ng	98
52) Acenaphthene	14.686	154	3350095	78.963	ng	99
53) 3-Nitroaniline	14.563	138	1167483	91.511	ng	98
54) 2,4-Dinitrophenol	14.763	184	689178	87.568	ng	98
55) Dibenzofuran	15.022	168	5271493	74.472	ng	98
56) 4-Nitrophenol	14.845	139	928463	95.478	ng	97
57) 2,4-Dinitrotoluene	15.004	165	1358715	79.017	ng	99
58) Fluorene	15.669	166	4109533	72.571	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.233	232	1243094	77.400	ng	98
60) Diethylphthalate	15.427	149	4550521	77.353	ng	98
61) 4-Chlorophenyl-phenyle...	15.657	204	2270263	74.456	ng	93
62) 4-Nitroaniline	15.733	138	1117839	95.432	ng	98
63) Azobenzene	15.951	77	4590381	77.619	ng	99
65) 4,6-Dinitro-2-methylph...	15.757	198	868822	84.255	ng	99
66) n-Nitrosodiphenylamine	15.880	169	3743864	78.368	ng	100
67) 4-Bromophenyl-phenylether	16.551	248	1446152	78.241	ng	98
68) Hexachlorobenzene	16.639	284	1526572	75.996	ng	99
69) Atrazine	16.827	200	1137240	83.207	ng	99
70) Pentachlorophenol	16.998	266	1201577	84.612	ng	99
71) Phenanthrene	17.415	178	6642069	77.692	ng	99
72) Anthracene	17.504	178	6766324	77.922	ng	100
73) Carbazole	17.786	167	6187000	79.793	ng	100
74) Di-n-butylphthalate	18.304	149	8000393	81.731	ng	99
75) Fluoranthene	19.421	202	7976198	78.218	ng	99
77) Benzidine	19.621	184	2116243	122.569	ng	100
78) Pyrene	19.792	202	8239181	85.049	ng	99
80) Butylbenzylphthalate	20.662	149	3637895	91.898	ng	93
81) Benzo(a)anthracene	21.527	228	7777889	83.433	ng	99
82) 3,3'-Dichlorobenzidine	21.468	252	2663441	87.237	ng	98
83) Chrysene	21.586	228	7206256	81.374	ng	99
84) Bis(2-ethylhexyl)phtha...	21.403	149	5271617	92.596	ng	98
85) Di-n-octyl phthalate	22.333	149	8807991	93.323	ng	99
87) Indeno(1,2,3-cd)pyrene	26.491	276	6879807	77.543	ng	99
88) Benzo(b)fluoranthene	23.221	252	6938733	84.886	ng	99
89) Benzo(k)fluoranthene	23.274	252	7010288	84.971	ng	99
90) Benzo(a)pyrene	23.862	252	6566011	84.315	ng	98
91) Dibenzo(a,h)anthracene	26.509	278	5769787	77.267	ng	98
92) Benzo(g,h,i)perylene	27.280	276	5422786	75.560	ng	100

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

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