Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030823\
Data File : BM038929.D
Acq On : 08 Mar 2023 13:50
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 09 04:59:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 04:48:00 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	306702	20.000	ng		0.00
21) Naphthalene-d8	10.810	136	1248272	20.000	ng		0.00
39) Acenaphthene-d10	14.633	164	683440	20.000	ng		0.00
64) Phenanthrene-d10	17.374	188	1281945	20.000	ng		0.00
76) Chrysene-d12	21.550	240	1055355	20.000	ng		0.00
86) Perylene-d12	23.997	264	1122027	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	397478	19.690	ng		0.00
7) Phenol-d6	7.145	99	514629	19.626	ng		0.00
23) Nitrobenzene-d5	9.157	82	466180	18.345	ng		0.00
42) 2,4,6-Tribromophenol	16.115	330	125784	15.909	ng		0.00
45) 2-Fluorobiphenyl	13.257	172	1009855	19.235	ng		0.00
79) Terphenyl-d14	19.992	244	1084222	18.783	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	91801	10.222	ng		99
3) Pyridine	3.816	79	245006	9.907	ng		98
4) n-Nitrosodimethylamine	3.728	42	103943	10.255	ng	#	98
6) Aniline	7.310	93	333466	9.686	ng		100
8) 2-Chlorophenol	7.551	128	209504	9.748	ng		97
9) Benzaldehyde	7.128	77	148067m	11.864	ng		
10) Phenol	7.169	94	273966	9.839	ng		99
11) bis(2-Chloroethyl)ether	7.410	93	225126	9.944	ng		100
12) 1,3-Dichlorobenzene	7.881	146	225991	9.895	ng		95
13) 1,4-Dichlorobenzene	8.028	146	231377	9.961	ng		97
14) 1,2-Dichlorobenzene	8.345	146	221754	9.911	ng		98
15) Benzyl Alcohol	8.234	79	179308	9.541	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.528	45	289856	10.137	ng		100
17) 2-Methylphenol	8.434	107	184442	9.642	ng		99
18) Hexachloroethane	9.081	117	83048	9.690	ng		99
19) n-Nitroso-di-n-propyla...	8.804	70	166707	10.094	ng		98
20) 3+4-Methylphenols	8.763	107	244044	9.555	ng		98
22) Acetophenone	8.816	105	332560	9.496	ng	#	98
24) Nitrobenzene	9.198	77	249521	9.342	ng		98
25) Isophorone	9.728	82	421177	9.006	ng		100
26) 2-Nitrophenol	9.916	139	84535	9.712	ng		98
27) 2,4-Dimethylphenol	9.975	122	187799	9.217	ng		99
28) bis(2-Chloroethoxy)met...	10.216	93	282876	9.414	ng		99
29) 2,4-Dichlorophenol	10.445	162	173607	8.987	ng		100
30) 1,2,4-Trichlorobenzene	10.669	180	197399	9.351	ng		100
31) Naphthalene	10.857	128	678391	9.531	ng		99
32) Benzoic acid	10.045	122	86634	10.836	ng		95
33) 4-Chloroaniline	10.963	127	279549	9.216	ng		99
34) Hexachlorobutadiene	11.145	225	113775	9.398	ng		98
35) Caprolactam	11.727	113	44347m	7.573	ng		
36) 4-Chloro-3-methylphenol	12.080	107	186496	9.066	ng		99
37) 2-Methylnaphthalene	12.463	142	452120	9.477	ng		100
38) 1-Methylnaphthalene	12.680	142	421717	9.433	ng		100
40) 1,2,4,5-Tetrachloroben...	12.827	216	211181	9.505	ng		98
41) Hexachlorocyclopentadiene	12.810	237	105132	8.620	ng		98
43) 2,4,6-Trichlorophenol	13.063	196	126059	8.762	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.133	196	150160	8.917	ng		97
46)	1,1'-Biphenyl	13.469	154	552919	9.550	ng		99
47)	2-Chloronaphthalene	13.510	162	411782	9.432	ng		99
48)	2-Nitroaniline	13.710	65	100335	9.062	ng		97
49)	Acenaphthylene	14.351	152	641022	9.217	ng		100
50)	Dimethylphthalate	14.086	163	484673	9.216	ng		99
51)	2,6-Dinitrotoluene	14.204	165	91245	9.119	ng		92
52)	Acenaphthene	14.692	154	401019m	9.383	ng		
53)	3-Nitroaniline	14.527	138	100358	8.726	ng		98
54)	2,4-Dinitrophenol	14.733	184	36135	10.245	ng		99
55)	Dibenzofuran	15.027	168	637053	9.525	ng		98
56)	4-Nitrophenol	14.821	139	79235	7.586	ng		96
57)	2,4-Dinitrotoluene	14.986	165	105545	8.669	ng	#	91
58)	Fluorene	15.674	166	485908	9.275	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.251	232	116109	8.940	ng		99
60)	Diethylphthalate	15.445	149	453421	8.861	ng		99
61)	4-Chlorophenyl-phenyle...	15.668	204	238592	9.270	ng		95
62)	4-Nitroaniline	15.686	138	94723	8.344	ng		96
63)	Azobenzene	15.963	77	488639	9.025	ng		98
65)	4,6-Dinitro-2-methylph...	15.745	198	50349	10.431	ng		96
66)	n-Nitrosodiphenylamine	15.880	169	401163	9.283	ng		100
67)	4-Bromophenyl-phenylether	16.562	248	125914	9.094	ng		96
68)	Hexachlorobenzene	16.674	284	143454	9.268	ng		97
69)	Atrazine	16.833	200	103415	8.761	ng		98
70)	Pentachlorophenol	17.021	266	89248	7.839	ng		97
71)	Phenanthrene	17.415	178	709270	9.427	ng		100
72)	Anthracene	17.509	178	683610	9.111	ng		98
73)	Carbazole	17.774	167	619568	9.048	ng		99
74)	Di-n-butylphthalate	18.345	149	612858	8.861	ng		99
75)	Fluoranthene	19.427	202	708154	8.914	ng		99
77)	Benzidine	19.609	184	152904	10.587	ng		99
78)	Pyrene	19.792	202	747801	9.434	ng		99
80)	Butylbenzylphthalate	20.692	149	223317	9.484	ng		98
81)	Benzo(a)anthracene	21.539	228	696285	9.161	ng		100
82)	3,3'-Dichlorobenzidine	21.468	252	186319	7.977	ng		99
83)	Chrysene	21.592	228	690783	9.345	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.468	149	327265	8.853	ng		100
85)	Di-n-octyl phthalate	22.409	149	503993	9.536	ng		98
87)	Indeno(1,2,3-cd)pyrene	26.544	276	749101	8.774	ng		99
88)	Benzo(b)fluoranthene	23.250	252	642717	8.966	ng		99
89)	Benzo(k)fluoranthene	23.303	252	681928	9.141	ng		99
90)	Benzo(a)pyrene	23.891	252	595400	8.630	ng		100
91)	Dibenzo(a,h)anthracene	26.562	278	640982	8.865	ng		99
92)	Benzo(g,h,i)perylene	27.326	276	623174	8.809	ng		98

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

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