Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030823\
Data File : BM038932.D
Acq On : 08 Mar 2023 15:43
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 09 05:03:31 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 :
SSTDICC050

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	7.993	152	346838	20.000	ng		0.00
21) Naphthalene-d8	10.810	136	1298596	20.000	ng		0.00
39) Acenaphthene-d10	14.633	164	724237	20.000	ng		0.00
64) Phenanthrene-d10	17.374	188	1439228	20.000	ng		0.00
76) Chrysene-d12	21.556	240	1316173	20.000	ng		0.00
86) Perylene-d12	24.003	264	1392549	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	2269730	99.423	ng		0.00
7) Phenol-d6	7.151	99	2923092	98.578	ng		0.00
23) Nitrobenzene-d5	9.163	82	2713159	102.629	ng		0.00
42) 2,4,6-Tribromophenol	16.116	330	879676	104.995	ng		0.00
45) 2-Fluorobiphenyl	13.263	172	5549197	99.745	ng		0.00
79) Terphenyl-d14	19.998	244	7280525	101.136	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	492331	48.476	ng		100
3) Pyridine	3.816	79	1406767m	50.300	ng		
4) n-Nitrosodimethylamine	3.728	42	559074	48.777	ng		99
6) Aniline	7.316	93	1935100	49.702	ng		99
8) 2-Chlorophenol	7.557	128	1205965	49.619	ng		98
9) Benzaldehyde	7.128	77	639060	45.281	ng		98
10) Phenol	7.181	94	1551600	49.274	ng		99
11) bis(2-Chloroethyl)ether	7.416	93	1244471	48.609	ng		99
12) 1,3-Dichlorobenzene	7.881	146	1271225	49.218	ng		99
13) 1,4-Dichlorobenzene	8.028	146	1291831	49.178	ng		100
14) 1,2-Dichlorobenzene	8.351	146	1234249	48.778	ng		100
15) Benzyl Alcohol	8.234	79	1060753	49.909	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.534	45	1555685	48.112	ng		99
17) 2-Methylphenol	8.440	107	1079410	49.900	ng		99
18) Hexachloroethane	9.087	117	479846	49.510	ng		97
19) n-Nitroso-di-n-propyla...	8.810	70	944419	50.566	ng		99
20) 3+4-Methylphenols	8.769	107	1435310	49.694	ng		99
22) Acetophenone	8.822	105	1825473	50.104	ng	#	99
24) Nitrobenzene	9.204	77	1409429	50.723	ng		99
25) Isophorone	9.734	82	2527854	51.961	ng		100
26) 2-Nitrophenol	9.916	139	597011	48.618	ng		99
27) 2,4-Dimethylphenol	9.981	122	1090856	51.461	ng		99
28) bis(2-Chloroethoxy)met...	10.222	93	1572135	50.294	ng		99
29) 2,4-Dichlorophenol	10.451	162	1040467	51.772	ng		100
30) 1,2,4-Trichlorobenzene	10.669	180	1105611	50.343	ng		99
31) Naphthalene	10.863	128	3719039	50.224	ng		100
32) Benzoic acid	10.110	122	756942	48.589	ng		97
33) 4-Chloroaniline	10.969	127	1624251	51.470	ng		99
34) Hexachlorobutadiene	11.151	225	634263	50.363	ng		97
35) Caprolactam	11.757	113	330230	54.209	ng		97
36) 4-Chloro-3-methylphenol	12.086	107	1134636	53.020	ng		100
37) 2-Methylnaphthalene	12.469	142	2517523	50.725	ng		99
38) 1-Methylnaphthalene	12.686	142	2370509	50.967	ng		100
40) 1,2,4,5-Tetrachloroben...	12.833	216	1174179	49.870	ng		99
41) Hexachlorocyclopentadiene	12.810	237	670091	51.849	ng		97
43) 2,4,6-Trichlorophenol	13.069	196	796252	52.226	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.139	196	933854	52.329	ng	97
46)	1,1'-Biphenyl	13.469	154	3047171	49.664	ng	99
47)	2-Chloronaphthalene	13.510	162	2316730	50.074	ng	99
48)	2-Nitroaniline	13.716	65	746527	50.286	ng	96
49)	Acenaphthylene	14.357	152	3820103	51.836	ng	100
50)	Dimethylphthalate	14.092	163	2879920	51.677	ng	100
51)	2,6-Dinitrotoluene	14.210	165	622990	50.457	ng	98
52)	Acenaphthene	14.698	154	2304332	50.877	ng	100
53)	3-Nitroaniline	14.539	138	734880	50.906	ng	95
54)	2,4-Dinitrophenol	14.739	184	333710	49.242	ng	94
55)	Dibenzofuran	15.027	168	3583181	50.558	ng	100
56)	4-Nitrophenol	14.833	139	594427	53.707	ng	99
57)	2,4-Dinitrotoluene	14.992	165	826838	50.849	ng	99
58)	Fluorene	15.680	166	2874197	51.771	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.251	232	724740	52.658	ng	98
60)	Diethylphthalate	15.451	149	2869758	52.923	ng	99
61)	4-Chlorophenyl-phenyle...	15.674	204	1405144	51.520	ng	99
62)	4-Nitroaniline	15.698	138	764441	51.977	ng	100
63)	Azobenzene	15.963	77	3045909	53.087	ng	99
65)	4,6-Dinitro-2-methylph...	15.751	198	460440	48.609	ng	98
66)	n-Nitrosodiphenylamine	15.886	169	2446725	50.428	ng	99
67)	4-Bromophenyl-phenylether	16.568	248	787993	50.690	ng	99
68)	Hexachlorobenzene	16.680	284	867437	49.916	ng	99
69)	Atrazine	16.833	200	707408	53.378	ng	99
70)	Pentachlorophenol	17.021	266	665819	52.092	ng	99
71)	Phenanthrene	17.415	178	4240619	50.203	ng	100
72)	Anthracene	17.510	178	4314439	51.218	ng	100
73)	Carbazole	17.780	167	3999026	52.017	ng	99
74)	Di-n-butylphthalate	18.345	149	4785283	50.919	ng	100
75)	Fluoranthene	19.427	202	4706776	52.775	ng	98
77)	Benzidine	19.615	184	1488344	49.446	ng	99
78)	Pyrene	19.792	202	4997402	50.553	ng	100
80)	Butylbenzylphthalate	20.692	149	2079191	49.364	ng	97
81)	Benzo(a)anthracene	21.539	228	4858211	51.256	ng	99
82)	3,3'-Dichlorobenzidine	21.468	252	1525686	52.374	ng	100
83)	Chrysene	21.592	228	4626660	50.188	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.468	149	3081261	50.560	ng	100
85)	Di-n-octyl phthalate	22.415	149	5086314	50.239	ng	100
87)	Indeno(1,2,3-cd)pyrene	26.562	276	5531680	52.204	ng	100
88)	Benzo(b)fluoranthene	23.256	252	4601112	51.718	ng	100
89)	Benzo(k)fluoranthene	23.303	252	4784509	51.676	ng	99
90)	Benzo(a)pyrene	23.892	252	4498432	52.538	ng	100
91)	Dibenzo(a,h)anthracene	26.580	278	4661182	51.942	ng	99
92)	Benzo(g,h,i)perylene	27.344	276	4550336	51.829	ng	100

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

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