Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052323\
Data File : BM039967.D
Acq On : 23 May 2023 11:13
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 24 00:23:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 24 00:17:53 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.016	152	198416	20.000	ng		0.00
21) Naphthalene-d8	10.833	136	809337	20.000	ng		0.00
39) Acenaphthene-d10	14.651	164	420450	20.000	ng		0.00
64) Phenanthrene-d10	17.392	188	769465	20.000	ng		0.00
76) Chrysene-d12	21.574	240	608958	20.000	ng		0.00
86) Perylene-d12	24.021	264	601464	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	262961	20.329	ng		0.00
7) Phenol-d6	7.163	99	335791	19.900	ng		0.00
23) Nitrobenzene-d5	9.181	82	274944	18.331	ng		0.00
42) 2,4,6-Tribromophenol	16.133	330	79031	14.482	ng		0.00
45) 2-Fluorobiphenyl	13.280	172	652534	18.306	ng		0.00
79) Terphenyl-d14	20.009	244	682994	17.415	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.422	88	58226	11.146	ng		98
3) Pyridine	3.828	79	144609	10.088	ng		99
4) n-Nitrosodimethylamine	3.740	42	63701	10.455	ng	#	93
6) Aniline	7.334	93	203823	9.762	ng		99
8) 2-Chlorophenol	7.575	128	130087	9.554	ng		97
9) Benzaldehyde	7.145	77	103065m	12.635	ng		
10) Phenol	7.192	94	168237	9.947	ng		99
11) bis(2-Chloroethyl)ether	7.434	93	141287	10.142	ng		98
12) 1,3-Dichlorobenzene	7.904	146	145300	10.077	ng		98
13) 1,4-Dichlorobenzene	8.051	146	147233	10.036	ng		100
14) 1,2-Dichlorobenzene	8.375	146	142421	9.901	ng		98
15) Benzyl Alcohol	8.251	79	99646	9.161	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.551	45	182393	10.206	ng		99
17) 2-Methylphenol	8.457	107	115405	9.537	ng		97
18) Hexachloroethane	9.104	117	52154	9.806	ng		93
19) n-Nitroso-di-n-propyla...	8.828	70	92769	9.492	ng		96
20) 3+4-Methylphenols	8.781	107	150697	9.437	ng		98
22) Acetophenone	8.839	105	212251	9.716	ng		98
24) Nitrobenzene	9.222	77	144805	9.518	ng		96
25) Isophorone	9.751	82	248744	9.094	ng		98
26) 2-Nitrophenol	9.939	139	45248	8.405	ng		99
27) 2,4-Dimethylphenol	9.998	122	113315	9.241	ng		97
28) bis(2-Chloroethoxy)met...	10.239	93	172628	9.626	ng		99
29) 2,4-Dichlorophenol	10.475	162	102088	8.787	ng		100
30) 1,2,4-Trichlorobenzene	10.692	180	120249	9.455	ng		99
31) Naphthalene	10.886	128	428299	9.591	ng		99
32) Benzoic acid	10.063	122	41075	11.965	ng		89
33) 4-Chloroaniline	10.992	127	172399	9.162	ng		98
34) Hexachlorobutadiene	11.175	225	66584	9.327	ng		99
35) Caprolactam	11.739	113	22979	7.005	ng		95
36) 4-Chloro-3-methylphenol	12.104	107	107628	8.963	ng		98
37) 2-Methylnaphthalene	12.486	142	277140	9.311	ng		99
38) 1-Methylnaphthalene	12.704	142	257565	9.244	ng		99
40) 1,2,4,5-Tetrachloroben...	12.851	216	118918	8.942	ng		99
41) Hexachlorocyclopentadiene	12.833	237	54326	7.897	ng		99
43) 2,4,6-Trichlorophenol	13.086	196	68185	8.448	ng		95

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44) 2,4,5-Trichlorophenol	13.151	196	82004	8.536	ng		96
46) 1,1'-Biphenyl	13.492	154	338012	9.390	ng		99
47) 2-Chloronaphthalene	13.533	162	248966	9.266	ng		99
48) 2-Nitroaniline	13.733	65	49369	8.989	ng		94
49) Acenaphthylene	14.374	152	377712	8.979	ng		99
50) Dimethylphthalate	14.110	163	288343	9.097	ng		100
51) 2,6-Dinitrotoluene	14.221	165	50333	8.301	ng		90
52) Acenaphthene	14.716	154	249677	9.085	ng		100
53) 3-Nitroaniline	14.551	138	58040	8.092	ng	#	97
54) 2,4-Dinitrophenol	14.751	184	16112	12.336	ng		87
55) Dibenzofuran	15.051	168	376241	9.273	ng		99
56) 4-Nitrophenol	14.845	139	43347	7.812	ng		99
57) 2,4-Dinitrotoluene	15.004	165	57254	9.794	ng		89
58) Fluorene	15.698	166	297815	8.830	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.268	232	60085	8.410	ng		99
60) Diethylphthalate	15.468	149	273923	8.744	ng		100
61) 4-Chlorophenyl-phenyle...	15.692	204	138865	8.415	ng		93
62) 4-Nitroaniline	15.704	138	58736	7.863	ng		99
63) Azobenzene	15.980	77	289867	9.280	ng		96
65) 4,6-Dinitro-2-methylph...	15.763	198	22584	12.297	ng		93
66) n-Nitrosodiphenylamine	15.904	169	229830	8.686	ng		99
67) 4-Bromophenyl-phenylether	16.586	248	72019	8.471	ng		94
68) Hexachlorobenzene	16.698	284	84301	8.676	ng		98
69) Atrazine	16.851	200	54823	8.329	ng		95
70) Pentachlorophenol	17.039	266	45358	7.111	ng		95
71) Phenanthrene	17.439	178	414071	8.997	ng		99
72) Anthracene	17.527	178	384873	8.440	ng		99
73) Carbazole	17.798	167	355561	8.630	ng		99
74) Di-n-butylphthalate	18.362	149	342938	9.676	ng		99
75) Fluoranthene	19.451	202	374449	8.163	ng		99
77) Benzidine	19.633	184	102092	10.796	ng		97
78) Pyrene	19.809	202	403652	9.033	ng		99
80) Butylbenzylphthalate	20.709	149	104313	9.937	ng		96
81) Benzo(a)anthracene	21.556	228	382299	8.868	ng		99
82) 3,3'-Dichlorobenzidine	21.486	252	89032	6.914	ng	#	98
83) Chrysene	21.609	228	365628	8.840	ng		99
84) Bis(2-ethylhexyl)phtha...	21.486	149	171292	9.013	ng	#	95
85) Di-n-octyl phthalate	22.433	149	237913	11.176	ng		96
87) Indeno(1,2,3-cd)pyrene	26.574	276	389615	8.146	ng		97
88) Benzo(b)fluoranthene	23.274	252	312922	8.126	ng		97
89) Benzo(k)fluoranthene	23.327	252	349790	8.306	ng		99
90) Benzo(a)pyrene	23.915	252	293867	7.957	ng		98
91) Dibenzo(a,h)anthracene	26.591	278	333451	8.075	ng		98
92) Benzo(g,h,i)perylene	27.362	276	313087	8.579	ng		98

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

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