Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
Data File : BM040155.D
Acq On : 08 Jun 2023 12:55
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jun 08 23:12:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 23:06:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	279136	20.000	ng		0.00
21) Naphthalene-d8	10.804	136	1214040	20.000	ng		0.00
39) Acenaphthene-d10	14.627	164	719687	20.000	ng		0.00
64) Phenanthrene-d10	17.368	188	1442144	20.000	ng		0.00
76) Chrysene-d12	21.550	240	1550910	20.000	ng		0.00
86) Perylene-d12	23.985	264	1646964	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	1861936	99.599	ng		0.00
7) Phenol-d6	7.151	99	2574112	100.910	ng		0.00
23) Nitrobenzene-d5	9.163	82	2343300	104.472	ng		0.00
42) 2,4,6-Tribromophenol	16.115	330	1133747	104.704	ng		0.00
45) 2-Fluorobiphenyl	13.257	172	5431900	99.757	ng		0.00
79) Terphenyl-d14	19.992	244	9232083	109.732	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	353654	47.638	ng		99
3) Pyridine	3.804	79	1086510	51.052	ng		99
4) n-Nitrosodimethylamine	3.716	42	425106	49.243	ng		98
6) Aniline	7.316	93	1562811	50.621	ng		100
8) 2-Chlorophenol	7.551	128	976471	49.401	ng		99
9) Benzaldehyde	7.122	77	635315	46.840	ng		99
10) Phenol	7.175	94	1256984	50.103	ng		100
11) bis(2-Chloroethyl)ether	7.410	93	986656	48.801	ng		100
12) 1,3-Dichlorobenzene	7.881	146	962767	48.451	ng		99
13) 1,4-Dichlorobenzene	8.028	146	982530	48.392	ng		100
14) 1,2-Dichlorobenzene	8.345	146	971981	48.644	ng		99
15) Benzyl Alcohol	8.233	79	862389	51.227	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.528	45	1271576	49.333	ng		99
17) 2-Methylphenol	8.433	107	915516	51.216	ng		99
18) Hexachloroethane	9.080	117	363787	50.040	ng		99
19) n-Nitroso-di-n-propyla...	8.804	70	809594	52.237	ng		100
20) 3+4-Methylphenols	8.763	107	1254261	51.397	ng		99
22) Acetophenone	8.822	105	1613749	50.899	ng	#	98
24) Nitrobenzene	9.204	77	1186691	51.400	ng		98
25) Isophorone	9.727	82	2242337	52.940	ng		100
26) 2-Nitrophenol	9.916	139	515436	53.729	ng		99
27) 2,4-Dimethylphenol	9.975	122	967337	51.538	ng		100
28) bis(2-Chloroethoxy)met...	10.216	93	1367269	50.003	ng		100
29) 2,4-Dichlorophenol	10.451	162	898380	52.184	ng		99
30) 1,2,4-Trichlorobenzene	10.669	180	870533	49.920	ng		100
31) Naphthalene	10.857	128	3254056	49.763	ng		100
32) Benzoic acid	10.116	122	691357	47.939	ng		99
33) 4-Chloroaniline	10.963	127	1498550	51.456	ng		99
34) Hexachlorobutadiene	11.139	225	453531	49.581	ng		98
35) Caprolactam	11.763	113	321044	54.304	ng		96
36) 4-Chloro-3-methylphenol	12.086	107	1040436	52.044	ng		98
37) 2-Methylnaphthalene	12.463	142	2270739	50.217	ng		100
38) 1-Methylnaphthalene	12.680	142	2139177	50.165	ng		99
40) 1,2,4,5-Tetrachloroben...	12.827	216	937237	49.122	ng		99
41) Hexachlorocyclopentadiene	12.810	237	506363	50.896	ng		99
43) 2,4,6-Trichlorophenol	13.063	196	666072	50.896	ng		99

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44) 2,4,5-Trichlorophenol	13.133	196	799872	50.634	ng	99
46) 1,1'-Biphenyl	13.468	154	2865445	49.655	ng	100
47) 2-Chloronaphthalene	13.510	162	2164343	50.486	ng	99
48) 2-Nitroaniline	13.710	65	712265	55.413	ng	98
49) Acenaphthylene	14.351	152	3688669	51.897	ng	100
50) Dimethylphthalate	14.086	163	2823740	50.305	ng	99
51) 2,6-Dinitrotoluene	14.204	165	587633	52.234	ng	100
52) Acenaphthene	14.692	154	2223155	50.711	ng	100
53) 3-Nitroaniline	14.533	138	751776	53.561	ng	98
54) 2,4-Dinitrophenol	14.733	184	309192	46.786	ng	98
55) Dibenzofuran	15.027	168	3476201	50.689	ng	99
56) 4-Nitrophenol	14.833	139	614539	54.058	ng	99
57) 2,4-Dinitrotoluene	14.986	165	807376	53.776	ng	98
58) Fluorene	15.674	166	3012059	52.472	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	645615	52.269	ng	98
60) Diethylphthalate	15.445	149	2946275	51.731	ng	100
61) 4-Chlorophenyl-phenyle...	15.668	204	1415127	52.741	ng	98
62) 4-Nitroaniline	15.698	138	823748	55.094	ng	99
63) Azobenzene	15.962	77	2906266	52.485	ng	97
65) 4,6-Dinitro-2-methylph...	15.751	198	422969	52.289	ng	97
66) n-Nitrosodiphenylamine	15.880	169	2462518	52.133	ng	99
67) 4-Bromophenyl-phenylether	16.562	248	752895	51.981	ng	98
68) Hexachlorobenzene	16.674	284	860876	51.824	ng	99
69) Atrazine	16.833	200	692026	53.607	ng	98
70) Pentachlorophenol	17.021	266	630294	51.689	ng	99
71) Phenanthrene	17.415	178	4350485	51.774	ng	100
72) Anthracene	17.503	178	4508835	53.786	ng	99
73) Carbazole	17.774	167	4258327	53.256	ng	100
74) Di-n-butylphthalate	18.339	149	4960689	55.317	ng	99
75) Fluoranthene	19.427	202	4791933	53.739	ng	99
77) Benzidine	19.609	184	1543941	55.072	ng	99
78) Pyrene	19.786	202	5187106	50.157	ng	100
80) Butylbenzylphthalate	20.680	149	2257476	54.006	ng	96
81) Benzo(a)anthracene	21.533	228	5546099	52.441	ng	100
82) 3,3'-Dichlorobenzidine	21.462	252	1932442	54.979	ng	99
83) Chrysene	21.591	228	5250471	52.406	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	3380600	54.765	ng	98
85) Di-n-octyl phthalate	22.391	149	5635569	56.220	ng	98
87) Indeno(1,2,3-cd)pyrene	26.538	276	6857064	55.527	ng	98
88) Benzo(b)fluoranthene	23.244	252	5174988	51.881	ng	99
89) Benzo(k)fluoranthene	23.297	252	5505411	52.809	ng	99
90) Benzo(a)pyrene	23.880	252	5112608	53.671	ng	99
91) Dibenzo(a,h)anthracene	26.550	278	5952848	55.840	ng	98
92) Benzo(g,h,i)perylene	27.320	276	5037964	55.016	ng	97

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

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