Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020524\
Data File : BM043974.D
Acq On : 05 Feb 2024 12:48
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: Feb 06 06:46:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 06:29:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	186722	20.000	ng		0.00
21) Naphthalene-d8	10.727	136	877950	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	561962	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1285979	20.000	ng		0.00
76) Chrysene-d12	21.515	240	1398363	20.000	ng		0.00
86) Perylene-d12	23.927	264	1746410	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	245650	19.428	ng		0.00
7) Phenol-d6	7.087	99	348864	18.674	ng		0.00
23) Nitrobenzene-d5	9.092	82	352681	19.365	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	123253	17.992	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	799819	19.557	ng		0.00
79) Terphenyl-d14	19.956	244	1461594	20.177	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	50660	10.367	ng		96
3) Pyridine	3.799	79	153657	10.355	ng		97
4) n-Nitrosodimethylamine	3.716	42	61539	9.626	ng	#	93
6) Aniline	7.251	93	173634	9.341	ng		98
8) 2-Chlorophenol	7.481	128	135305	9.638	ng		98
9) Benzaldehyde	7.069	77	115712	9.933	ng		98
10) Phenol	7.110	94	176369	9.495	ng		98
11) bis(2-Chloroethyl)ether	7.357	93	143585	9.863	ng		98
12) 1,3-Dichlorobenzene	7.810	146	151563	10.000	ng		99
13) 1,4-Dichlorobenzene	7.957	146	151975	9.914	ng		98
14) 1,2-Dichlorobenzene	8.269	146	150639	9.965	ng		99
15) Benzyl Alcohol	8.169	79	122308	9.552	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.463	45	196232	10.081	ng		98
17) 2-Methylphenol	8.369	107	111858	9.420	ng		99
18) Hexachloroethane	8.998	117	58151	10.109	ng		99
19) n-Nitroso-di-n-propyla...	8.733	70	119630	9.732	ng		98
20) 3+4-Methylphenols	8.692	107	155629	9.286	ng		99
22) Acetophenone	8.751	105	234217	9.846	ng	#	98
24) Nitrobenzene	9.133	77	178012	9.742	ng		99
25) Isophorone	9.657	82	319717	9.430	ng		98
26) 2-Nitrophenol	9.845	139	63437	8.590	ng		98
27) 2,4-Dimethylphenol	9.904	122	94894	9.358	ng		97
28) bis(2-Chloroethoxy)met...	10.151	93	204727	9.888	ng		98
29) 2,4-Dichlorophenol	10.375	162	117316	9.070	ng		99
30) 1,2,4-Trichlorobenzene	10.586	180	143399	9.816	ng		99
31) Naphthalene	10.775	128	483705	9.885	ng		99
32) Benzoic acid	9.969	122	70754	12.136	ng		91
33) 4-Chloroaniline	10.898	127	189647	9.429	ng		99
34) Hexachlorobutadiene	11.051	225	78951	9.909	ng		98
35) Caprolactam	11.657	113	45545	8.588	ng		93
36) 4-Chloro-3-methylphenol	12.016	107	144770	9.140	ng		98
37) 2-Methylnaphthalene	12.386	142	332956	9.757	ng		98
38) 1-Methylnaphthalene	12.610	142	331418	9.728	ng		100
40) 1,2,4,5-Tetrachloroben...	12.751	216	155719	9.770	ng		100
41) Hexachlorocyclopentadiene	12.721	237	48443	9.241	ng		96
43) 2,4,6-Trichlorophenol	12.998	196	96396	8.949	ng		98

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44) 2,4,5-Trichlorophenol	13.063	196	112776	9.177	ng		99
46) 1,1'-Biphenyl	13.404	154	432940	9.797	ng		100
47) 2-Chloronaphthalene	13.439	162	345902	9.815	ng		98
48) 2-Nitroaniline	13.651	65	101437	8.850	ng		97
49) Acenaphthylene	14.286	152	516242	9.583	ng		99
50) Dimethylphthalate	14.033	163	431141	9.877	ng		99
51) 2,6-Dinitrotoluene	14.151	165	87419	9.111	ng		94
52) Acenaphthene	14.627	154	331551	9.708	ng		97
53) 3-Nitroaniline	14.480	138	100772	9.047	ng	#	99
54) 2,4-Dinitrophenol	14.686	184	31986	12.299	ng		95
55) Dibenzofuran	14.962	168	526444	9.905	ng		99
56) 4-Nitrophenol	14.780	139	85450	8.778	ng		97
57) 2,4-Dinitrotoluene	14.933	165	115708	8.663	ng		93
58) Fluorene	15.615	166	434892	9.689	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	97425	9.196	ng		97
60) Diethylphthalate	15.398	149	437643	9.685	ng		99
61) 4-Chlorophenyl-phenyle...	15.615	204	204870	9.784	ng		100
62) 4-Nitroaniline	15.639	138	108481	8.907	ng		97
63) Azobenzene	15.909	77	433614	9.607	ng		99
65) 4,6-Dinitro-2-methylph...	15.692	198	50957	11.782	ng		91
66) n-Nitrosodiphenylamine	15.833	169	367562	9.595	ng		99
67) 4-Bromophenyl-phenylether	16.515	248	119229	9.412	ng		100
68) Hexachlorobenzene	16.609	284	148862	9.855	ng		95
69) Atrazine	16.792	200	108376	10.226	ng		97
70) Pentachlorophenol	16.962	266	85535	8.624	ng		98
71) Phenanthrene	17.362	178	692274	9.665	ng		100
72) Anthracene	17.451	178	666433	9.503	ng		99
73) Carbazole	17.727	167	691224	9.518	ng		99
74) Di-n-butylphthalate	18.303	149	729716	9.162	ng		100
75) Fluoranthene	19.380	202	844708	9.536	ng		99
77) Benzidine	19.574	184	83937	4.731	ng	#	96
78) Pyrene	19.745	202	903892	9.404	ng		98
80) Butylbenzylphthalate	20.668	149	325489	8.551	ng		98
81) Benzo(a)anthracene	21.497	228	951152	9.695	ng		99
82) 3,3'-Dichlorobenzidine	21.439	252	278247	8.870	ng		99
83) Chrysene	21.556	228	928463	9.878	ng		99
84) Bis(2-ethylhexyl)phtha...	21.450	149	504053	8.905	ng		100
85) Di-n-octyl phthalate	22.397	149	834033	8.553	ng		99
87) Indeno(1,2,3-cd)pyrene	26.426	276	1255973	9.611	ng		100
88) Benzo(b)fluoranthene	23.191	252	1050725	9.565	ng		99
89) Benzo(k)fluoranthene	23.244	252	993234	9.424	ng		99
90) Benzo(a)pyrene	23.821	252	907298	9.344	ng		99
91) Dibenzo(a,h)anthracene	26.462	278	1040804	9.657	ng		99
92) Benzo(g,h,i)perylene	27.197	276	1083900	9.860	ng		99

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

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