Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051223\
Data File : BM039917.D
Acq On : 12 May 2023 14:07
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: May 13 02:05:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 13 02:01:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	471694	20.000	ng	0.00
21) Naphthalene-d8	10.854	136	2079591	20.000	ng	0.00
39) Acenaphthene-d10	14.671	164	1233682	20.000	ng	0.00
64) Phenanthrene-d10	17.412	188	2495575	20.000	ng	0.00
76) Chrysene-d12	21.589	240	2598371	20.000	ng	0.00
86) Perylene-d12	24.053	264	2392564	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.572	112	2282520	78.639	ng	0.00
7) Phenol-d6	7.184	99	3101299	80.189	ng	0.00
23) Nitrobenzene-d5	9.207	82	3026555	85.236	ng	0.00
42) 2,4,6-Tribromophenol	16.154	330	1720609	78.400	ng	0.00
45) 2-Fluorobiphenyl	13.307	172	8494617	88.078	ng	0.00
79) Terphenyl-d14	20.030	244	11896816	82.865	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.431	88	416635	37.991	ng	100
3) Pyridine	3.837	79	1264758	40.731	ng	100
4) n-Nitrosodimethylamine	3.749	42	442970	39.640	ng	100
6) Aniline	7.354	93	1949919	40.540	ng	100
8) 2-Chlorophenol	7.595	128	1320170	40.652	ng	100
9) Benzaldehyde	7.166	77	689173	40.628	ng	100
10) Phenol	7.213	94	1539739	39.619	ng	100
11) bis(2-Chloroethyl)ether	7.454	93	1285103	39.487	ng	100
12) 1,3-Dichlorobenzene	7.925	146	1328392	39.527	ng	100
13) 1,4-Dichlorobenzene	8.072	146	1377203	39.953	ng	100
14) 1,2-Dichlorobenzene	8.390	146	1364614	40.036	ng	100
15) Benzyl Alcohol	8.272	79	1088182	42.242	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.578	45	1454076	40.240	ng	100
17) 2-Methylphenol	8.472	107	1183641	41.453	ng	100
18) Hexachloroethane	9.125	117	487328	40.633	ng	100
19) n-Nitroso-di-n-propyla...	8.854	70	1109981	43.242	ng	100
20) 3+4-Methylphenols	8.807	107	1576023	41.515	ng	100
22) Acetophenone	8.866	105	2217656	40.433	ng	100
24) Nitrobenzene	9.248	77	1490048	41.510	ng	100
25) Isophorone	9.778	82	2997414	40.989	ng	100
26) 2-Nitrophenol	9.960	139	541111	38.726	ng	100
27) 2,4-Dimethylphenol	10.019	122	1276079	41.025	ng	100
28) bis(2-Chloroethoxy)met...	10.260	93	1809975	40.385	ng	100
29) 2,4-Dichlorophenol	10.495	162	1219564	41.276	ng	100
30) 1,2,4-Trichlorobenzene	10.713	180	1279584	39.611	ng	100
31) Naphthalene	10.907	128	4491460	39.807	ng	100
32) Benzoic acid	10.154	122	702290	37.666	ng	100
33) 4-Chloroaniline	11.013	127	2040431	41.317	ng	100
34) Hexachlorobutadiene	11.195	225	723172	39.277	ng	100
35) Caprolactam	11.789	113	395340	44.531	ng	100
36) 4-Chloro-3-methylphenol	12.125	107	1314415	41.616	ng	100
37) 2-Methylnaphthalene	12.507	142	3253852	40.482	ng	100
38) 1-Methylnaphthalene	12.725	142	3081004	40.691	ng	100
40) 1,2,4,5-Tetrachloroben...	12.872	216	1497633	40.241	ng	100
41) Hexachlorocyclopentadiene	12.860	237	635200	38.496	ng	100
43) 2,4,6-Trichlorophenol	13.107	196	959191	42.185	ng	100

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44) 2,4,5-Trichlorophenol	13.177	196	1126282	41.984	ng	100
46) 1,1'-Biphenyl	13.513	154	4180926	40.910	ng	100
47) 2-Chloronaphthalene	13.554	162	3091183	40.778	ng	100
48) 2-Nitroaniline	13.748	65	734394	39.422	ng	100
49) Acenaphthylene	14.395	152	5103455	41.748	ng	100
50) Dimethylphthalate	14.136	163	3970311	41.269	ng	100
51) 2,6-Dinitrotoluene	14.248	165	761335	38.903	ng	100
52) Acenaphthene	14.736	154	3299561	41.430	ng	100
53) 3-Nitroaniline	14.571	138	898526	39.743	ng	100
54) 2,4-Dinitrophenol	14.771	184	259037	39.349	ng	100
55) Dibenzofuran	15.071	168	4879138	41.102	ng	100
56) 4-Nitrophenol	14.866	139	721118	43.196	ng	100
57) 2,4-Dinitrotoluene	15.024	165	1004900	39.068	ng	100
58) Fluorene	15.718	166	4528737	43.417	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.289	232	930918	42.196	ng	100
60) Diethylphthalate	15.495	149	4184406	42.184	ng	100
61) 4-Chlorophenyl-phenyle...	15.713	204	2214702	42.786	ng	100
62) 4-Nitroaniline	15.736	138	1028367	41.985	ng	100
63) Azobenzene	16.007	77	3932957	41.444	ng	100
65) 4,6-Dinitro-2-methylph...	15.789	198	406641	39.157	ng	100
66) n-Nitrosodiphenylamine	15.924	169	3559203	41.385	ng	100
67) 4-Bromophenyl-phenylether	16.607	248	1190761	41.008	ng	100
68) Hexachlorobenzene	16.718	284	1371276	40.111	ng	100
69) Atrazine	16.877	200	980168	44.602	ng	100
70) Pentachlorophenol	17.060	266	904589	40.932	ng	100
71) Phenanthrene	17.459	178	6190864	42.021	ng	100
72) Anthracene	17.548	178	6404238	43.437	ng	100
73) Carbazole	17.812	167	5750493	43.214	ng	100
74) Di-n-butylphthalate	18.389	149	7114838	47.430	ng	100
75) Fluoranthene	19.465	202	6839212	46.228	ng	100
77) Benzidine	19.648	184	1464095	41.898	ng	100
78) Pyrene	19.830	202	7250509	39.306	ng	100
80) Butylbenzylphthalate	20.730	149	2559890	38.988	ng	100
81) Benzo(a)anthracene	21.577	228	7545394	42.271	ng	100
82) 3,3'-Dichlorobenzidine	21.506	252	2167900	39.237	ng	100
83) Chrysene	21.630	228	7079015	42.100	ng	100
84) Bis(2-ethylhexyl)phtha...	21.512	149	4886042	39.566	ng	100
85) Di-n-octyl phthalate	22.465	149	6761490	38.809	ng	100
87) Indeno(1,2,3-cd)pyrene	26.635	276	6777732	40.022	ng	100
88) Benzo(b)fluoranthene	23.306	252	6407132	41.011	ng	100
89) Benzo(k)fluoranthene	23.359	252	6987061	41.455	ng	100
90) Benzo(a)pyrene	23.947	252	5996269	41.525	ng	100
91) Dibenzo(a,h)anthracene	26.653	278	5929582	40.366	ng	100
92) Benzo(g,h,i)perylene	27.429	276	4816279	38.070	ng	100

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

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