Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052323\
Data File : BM039969.D
Acq On : 23 May 2023 12:25
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: May 24 00:27:14 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	242723	20.000	ng	0.00
21) Naphthalene-d8	10.833	136	973456	20.000	ng	0.00
39) Acenaphthene-d10	14.657	164	518127	20.000	ng	0.00
64) Phenanthrene-d10	17.398	188	962988	20.000	ng	0.00
76) Chrysene-d12	21.568	240	831774	20.000	ng	0.00
86) Perylene-d12	24.021	264	779978	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	1329640	84.029	ng	0.00
7) Phenol-d6	7.169	99	1745760	84.576	ng	0.00
23) Nitrobenzene-d5	9.186	82	1574823	87.295	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	573546	85.287	ng	0.00
45) 2-Fluorobiphenyl	13.286	172	3782920	86.116	ng	0.00
79) Terphenyl-d14	20.015	244	5069047	94.625	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	262829	41.129	ng	100
3) Pyridine	3.828	79	764290	43.585	ng	100
4) n-Nitrosodimethylamine	3.740	42	310976	41.722	ng	100
6) Aniline	7.340	93	1085013	42.481	ng	100
8) 2-Chlorophenol	7.575	128	694705	41.709	ng	100
9) Benzaldehyde	7.151	77	379554	38.038	ng	100
10) Phenol	7.198	94	865960	41.853	ng	100
11) bis(2-Chloroethyl)ether	7.439	93	704454	41.336	ng	100
12) 1,3-Dichlorobenzene	7.904	146	723564	41.022	ng	100
13) 1,4-Dichlorobenzene	8.057	146	736262	41.027	ng	100
14) 1,2-Dichlorobenzene	8.375	146	722226	41.042	ng	100
15) Benzyl Alcohol	8.257	79	572318	43.013	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.557	45	910208	41.636	ng	100
17) 2-Methylphenol	8.457	107	628540	42.460	ng	100
18) Hexachloroethane	9.110	117	269941	41.490	ng	100
19) n-Nitroso-di-n-propyla...	8.834	70	538216	45.019	ng	100
20) 3+4-Methylphenols	8.786	107	831565	42.570	ng	100
22) Acetophenone	8.845	105	1122868	42.736	ng	100
24) Nitrobenzene	9.228	77	783378	42.809	ng	100
25) Isophorone	9.757	82	1451366	44.115	ng	100
26) 2-Nitrophenol	9.939	139	306466	47.329	ng	100
27) 2,4-Dimethylphenol	9.998	122	632287	42.871	ng	100
28) bis(2-Chloroethoxy)met...	10.239	93	915061	42.424	ng	100
29) 2,4-Dichlorophenol	10.475	162	592149	42.377	ng	100
30) 1,2,4-Trichlorobenzene	10.698	180	631197	41.261	ng	100
31) Naphthalene	10.886	128	2254050	41.967	ng	100
32) Benzoic acid	10.116	122	365962	38.637	ng	100
33) 4-Chloroaniline	10.992	127	960136	42.422	ng	100
34) Hexachlorobutadiene	11.175	225	349612	40.717	ng	100
35) Caprolactam	11.763	113	171582	43.485	ng	100
36) 4-Chloro-3-methylphenol	12.104	107	628348	43.506	ng	100
37) 2-Methylnaphthalene	12.486	142	1508386	42.133	ng	100
38) 1-Methylnaphthalene	12.710	142	1419967	42.371	ng	100
40) 1,2,4,5-Tetrachloroben...	12.851	216	673026	41.069	ng	100
41) Hexachlorocyclopentadiene	12.839	237	359923	42.456	ng	100
43) 2,4,6-Trichlorophenol	13.086	196	431053	43.336	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.157	196	504495	42.613	ng	100
46) 1,1'-Biphenyl	13.492	154	1888252	42.567	ng	100
47) 2-Chloronaphthalene	13.533	162	1396787	42.183	ng	100
48) 2-Nitroaniline	13.733	65	370502	41.709	ng	100
49) Acenaphthylene	14.380	152	2224089	42.906	ng	100
50) Dimethylphthalate	14.110	163	1673349	42.842	ng	100
51) 2,6-Dinitrotoluene	14.227	165	328511	43.966	ng	100
52) Acenaphthene	14.721	154	1434798	42.364	ng	100
53) 3-Nitroaniline	14.557	138	397600	44.982	ng	100
54) 2,4-Dinitrophenol	14.757	184	138057	37.905	ng	100
55) Dibenzofuran	15.051	168	2104146	42.084	ng	100
56) 4-Nitrophenol	14.845	139	306533	44.831	ng	100
57) 2,4-Dinitrotoluene	15.010	165	415913	39.389	ng	100
58) Fluorene	15.698	166	1800917	43.329	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.274	232	375410	42.639	ng	100
60) Diethylphthalate	15.474	149	1674627	43.377	ng	100
61) 4-Chlorophenyl-phenyle...	15.692	204	879479	43.250	ng	100
62) 4-Nitroaniline	15.715	138	425468	46.219	ng	100
63) Azobenzene	15.986	77	1733399	45.034	ng	100
65) 4,6-Dinitro-2-methylph...	15.768	198	191200	37.979	ng	100
66) n-Nitrosodiphenylamine	15.904	169	1410972	42.607	ng	100
67) 4-Bromophenyl-phenylether	16.586	248	445852	41.902	ng	100
68) Hexachlorobenzene	16.698	284	502673	41.339	ng	100
69) Atrazine	16.851	200	365805	44.408	ng	100
70) Pentachlorophenol	17.039	266	330752	41.435	ng	100
71) Phenanthrene	17.439	178	2391349	41.516	ng	100
72) Anthracene	17.527	178	2432821	42.629	ng	100
73) Carbazole	17.798	167	2225553	43.164	ng	100
74) Di-n-butylphthalate	18.362	149	2591197	39.972	ng	100
75) Fluoranthene	19.450	202	2430204	42.331	ng	100
77) Benzidine	19.627	184	543005	42.039	ng	100
78) Pyrene	19.809	202	2569209	42.094	ng	100
80) Butylbenzylphthalate	20.703	149	957792	39.150	ng	100
81) Benzo(a)anthracene	21.556	228	2470179	41.951	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	737265	41.916	ng	100
83) Chrysene	21.609	228	2413793	42.724	ng	100
84) Bis(2-ethylhexyl)phtha...	21.486	149	1626179	41.210	ng	100
85) Di-n-octyl phthalate	22.427	149	2334719	39.392	ng	100
87) Indeno(1,2,3-cd)pyrene	26.585	276	2597642	41.879	ng	100
88) Benzo(b)fluoranthene	23.274	252	2116855	42.390	ng	100
89) Benzo(k)fluoranthene	23.321	252	2311294	42.323	ng	100
90) Benzo(a)pyrene	23.915	252	2024360	42.271	ng	100
91) Dibenzo(a,h)anthracene	26.597	278	2232454	41.689	ng	100
92) Benzo(g,h,i)perylene	27.362	276	1954409	41.295	ng	100

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

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