Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012023\
Data File : BM038499.D
Acq On : 20 Jan 2023 14:41
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Jan 21 00:06:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 21 00:02:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	72824	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	254946	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	162732	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	361543	20.000	ng	0.00
76) Chrysene-d12	21.521	240	366221	20.000	ng	0.00
86) Perylene-d12	23.933	264	410665	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	369445	83.865	ng	0.00
7) Phenol-d6	7.134	99	470023	83.626	ng	0.00
23) Nitrobenzene-d5	9.145	82	484481	82.522	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	194075	82.818	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	1101712	83.395	ng	0.00
79) Terphenyl-d14	19.962	244	1605153	85.448	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	83824	40.678	ng	100
3) Pyridine	3.793	79	242666	46.577	ng	100
4) n-Nitrosodimethylamine	3.704	42	106001	41.823	ng	100
6) Aniline	7.298	93	294593	42.226	ng	100
8) 2-Chlorophenol	7.534	128	188306	41.844	ng	100
9) Benzaldehyde	7.110	77	136547	40.036	ng	100
10) Phenol	7.163	94	233772	41.623	ng	100
11) bis(2-Chloroethyl)ether	7.398	93	183631	41.439	ng	100
12) 1,3-Dichlorobenzene	7.857	146	212971	41.628	ng	100
13) 1,4-Dichlorobenzene	8.004	146	216921	41.963	ng	100
14) 1,2-Dichlorobenzene	8.322	146	208164	41.574	ng	100
15) Benzyl Alcohol	8.216	79	178802	42.548	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.504	45	193792	41.440	ng	100
17) 2-Methylphenol	8.416	107	167443	42.123	ng	100
18) Hexachloroethane	9.051	117	80617	41.949	ng	100
19) n-Nitroso-di-n-propyla...	8.786	70	161416	44.717	ng	100
20) 3+4-Methylphenols	8.751	107	225785	42.380	ng	100
22) Acetophenone	8.804	105	288075	41.017	ng	100
24) Nitrobenzene	9.186	77	243060	40.917	ng	100
25) Isophorone	9.710	82	403432	41.640	ng	100
26) 2-Nitrophenol	9.898	139	99037	42.002	ng	100
27) 2,4-Dimethylphenol	9.957	122	163025	41.543	ng	100
28) bis(2-Chloroethoxy)met...	10.192	93	236393	41.708	ng	100
29) 2,4-Dichlorophenol	10.428	162	192633	41.842	ng	100
30) 1,2,4-Trichlorobenzene	10.645	180	217107	41.237	ng	100
31) Naphthalene	10.833	128	569411	41.112	ng	100
32) Benzoic acid	10.092	122	115175	41.187	ng	100
33) 4-Chloroaniline	10.951	127	244125	42.230	ng	100
34) Hexachlorobutadiene	11.104	225	143972	41.572	ng	100
35) Caprolactam	11.745	113	47109	42.207	ng	100
36) 4-Chloro-3-methylphenol	12.069	107	175753	41.981	ng	100
37) 2-Methylnaphthalene	12.439	142	413081	41.501	ng	100
38) 1-Methylnaphthalene	12.657	142	388676	41.404	ng	100
40) 1,2,4,5-Tetrachloroben...	12.804	216	256558	41.912	ng	100
41) Hexachlorocyclopentadiene	12.774	237	144477	42.943	ng	100
43) 2,4,6-Trichlorophenol	13.045	196	166894	42.590	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	193716	42.207	ng	100
46) 1,1'-Biphenyl	13.445	154	538212	41.297	ng	100
47) 2-Chloronaphthalene	13.486	162	423858	41.662	ng	100
48) 2-Nitroaniline	13.698	65	129352	43.294	ng	100
49) Acenaphthylene	14.327	152	666025	41.843	ng	100
50) Dimethylphthalate	14.068	163	518178	41.366	ng	100
51) 2,6-Dinitrotoluene	14.192	165	112245	42.578	ng	100
52) Acenaphthene	14.668	154	401693	41.380	ng	100
53) 3-Nitroaniline	14.521	138	112774	43.048	ng	100
54) 2,4-Dinitrophenol	14.733	184	75638	41.482	ng	100
55) Dibenzofuran	15.004	168	670642	41.322	ng	100
56) 4-Nitrophenol	14.821	139	88484	41.014	ng	100
57) 2,4-Dinitrotoluene	14.980	165	151400	42.366	ng	100
58) Fluorene	15.651	166	552737	41.999	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.227	232	158693	42.301	ng	100
60) Diethylphthalate	15.421	149	508687	41.466	ng	100
61) 4-Chlorophenyl-phenyle...	15.639	204	286779	41.504	ng	100
62) 4-Nitroaniline	15.680	138	115037	42.738	ng	100
63) Azobenzene	15.933	77	544095	41.862	ng	100
65) 4,6-Dinitro-2-methylph...	15.739	198	102706	43.764	ng	100
66) n-Nitrosodiphenylamine	15.857	169	465615	42.899	ng	100
67) 4-Bromophenyl-phenylether	16.533	248	169029	42.149	ng	100
68) Hexachlorobenzene	16.651	284	179776	41.543	ng	100
69) Atrazine	16.809	200	156629	43.255	ng	100
70) Pentachlorophenol	16.998	266	134333	43.637	ng	100
71) Phenanthrene	17.392	178	847268	41.965	ng	100
72) Anthracene	17.480	178	874315	42.557	ng	100
73) Carbazole	17.756	167	767939	42.445	ng	100
74) Di-n-butylphthalate	18.303	149	855262	43.028	ng	100
75) Fluoranthene	19.398	202	1019974	42.034	ng	100
77) Benzidine	19.586	184	370356	44.631	ng	100
78) Pyrene	19.762	202	1097449	43.037	ng	100
80) Butylbenzylphthalate	20.650	149	384472	43.601	ng	100
81) Benzo(a)anthracene	21.503	228	1085613	41.835	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	356706	42.794	ng	100
83) Chrysene	21.556	228	1066158	42.012	ng	100
84) Bis(2-ethylhexyl)phtha...	21.415	149	556740	43.566	ng	100
85) Di-n-octyl phthalate	22.344	149	968203	42.608	ng	100
87) Indeno(1,2,3-cd)pyrene	26.456	276	1275460	41.972	ng	100
88) Benzo(b)fluoranthene	23.197	252	1057815	42.701	ng	100
89) Benzo(k)fluoranthene	23.244	252	1098139	42.840	ng	100
90) Benzo(a)pyrene	23.827	252	1055907	42.992	ng	100
91) Dibenzo(a,h)anthracene	26.468	278	1059042	41.868	ng	100
92) Benzo(g,h,i)perylene	27.232	276	1075165	41.497	ng	100

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

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