

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051123\
 Data File : BM039904.D
 Acq On : 11 May 2023 18:47
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Quant Time: May 12 02:28:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 02:21:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	326553	20.000	ng	0.00
21) Naphthalene-d8	10.854	136	1483088	20.000	ng	0.00
39) Acenaphthene-d10	14.671	164	899744	20.000	ng	0.00
64) Phenanthrene-d10	17.412	188	1823916	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1531299	20.000	ng	0.00
86) Perylene-d12	24.047	264	1215497	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.578	112	854925	41.694	ng	0.00
7) Phenol-d6	7.184	99	1109210	41.506	ng	0.00
23) Nitrobenzene-d5	9.201	82	1010912	40.143	ng	0.00
42) 2,4,6-Tribromophenol	16.154	330	480199	38.674	ng	0.00
45) 2-Fluorobiphenyl	13.307	172	2967555	39.755	ng	0.00
79) Terphenyl-d14	20.030	244	4706264	46.215	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.437	88	169780	21.274	ng	98
3) Pyridine	3.843	79	465905	21.440	ng	100
4) n-Nitrosodimethylamine	3.754	42	184418	21.782	ng	# 96
6) Aniline	7.354	93	695586	20.714	ng	99
8) 2-Chlorophenol	7.595	128	457238	20.327	ng	97
9) Benzaldehyde	7.166	77	334719	22.386	ng	98
10) Phenol	7.207	94	565032	20.878	ng	98
11) bis(2-Chloroethyl)ether	7.454	93	480540	21.061	ng	100
12) 1,3-Dichlorobenzene	7.925	146	488452	20.716	ng	99
13) 1,4-Dichlorobenzene	8.072	146	497271	20.630	ng	98
14) 1,2-Dichlorobenzene	8.395	146	497516	20.703	ng	99
15) Benzyl Alcohol	8.272	79	359684	20.470	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.566	45	564619	21.667	ng	99
17) 2-Methylphenol	8.472	107	424344	20.833	ng	98
18) Hexachloroethane	9.131	117	174086	20.611	ng	99
19) n-Nitroso-di-n-propyla...	8.848	70	375092	21.683	ng	97
20) 3+4-Methylphenols	8.801	107	552923	20.726	ng	99
22) Acetophenone	8.860	105	815443	20.609	ng	98
24) Nitrobenzene	9.248	77	516954	20.443	ng	99
25) Isophorone	9.772	82	1108148	20.815	ng	99
26) 2-Nitrophenol	9.960	139	111312	21.239	ng	97
27) 2,4-Dimethylphenol	10.019	122	433023	19.709	ng	97
28) bis(2-Chloroethoxy)met...	10.260	93	635853	20.301	ng	99
29) 2,4-Dichlorophenol	10.495	162	405557	19.580	ng	99
30) 1,2,4-Trichlorobenzene	10.719	180	455573	19.626	ng	100
31) Naphthalene	10.907	128	1656822	20.371	ng	99
32) Benzoic acid	10.113	122	87854m	17.176	ng	
33) 4-Chloroaniline	11.013	127	705654	20.192	ng	99
34) Hexachlorobutadiene	11.195	225	256810	19.363	ng	99
35) Caprolactam	11.777	113	101091m	18.697	ng	
36) 4-Chloro-3-methylphenol	12.124	107	456073	20.564	ng	98
37) 2-Methylnaphthalene	12.507	142	1159739	19.957	ng	99
38) 1-Methylnaphthalene	12.724	142	1094738	20.038	ng	99
40) 1,2,4,5-Tetrachloroben...	12.871	216	505286	18.338	ng	99
41) Hexachlorocyclopentadiene	12.860	237	159288	20.630	ng	99
43) 2,4,6-Trichlorophenol	13.107	196	302660	18.765	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.171	196	354286	18.853	ng	97
46) 1,1'-Biphenyl	13.513	154	1488114	19.675	ng	99
47) 2-Chloronaphthalene	13.554	162	1114122	19.873	ng	99
48) 2-Nitroaniline	13.748	65	135152	17.865	ng	91
49) Acenaphthylene	14.395	152	1823940	20.023	ng	100
50) Dimethylphthalate	14.130	163	1350888	20.205	ng	99
51) 2,6-Dinitrotoluene	14.242	165	211790	19.255	ng	90
52) Acenaphthene	14.736	154	1145208	19.752	ng	100
53) 3-Nitroaniline	14.571	138	237109	19.067	ng	99
54) 2,4-Dinitrophenol	14.771	184	46042	19.187	ng	99
55) Dibenzofuran	15.071	168	1729461	19.986	ng	100
56) 4-Nitrophenol	14.860	139	204603	18.856	ng	94
57) 2,4-Dinitrotoluene	15.024	165	249760	18.722	ng	89
58) Fluorene	15.718	166	1562194	20.111	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.289	232	290425	19.314	ng	96
60) Diethylphthalate	15.495	149	1385418	20.963	ng	99
61) 4-Chlorophenyl-phenyle...	15.712	204	755060	19.693	ng	96
62) 4-Nitroaniline	15.724	138	289128	19.857	ng	98
63) Azobenzene	16.007	77	1512980	21.571	ng	99
65) 4,6-Dinitro-2-methylph...	15.783	198	68337	19.201	ng	92
66) n-Nitrosodiphenylamine	15.924	169	1230157	19.291	ng	98
67) 4-Bromophenyl-phenylether	16.607	248	395629	18.460	ng	95
68) Hexachlorobenzene	16.718	284	458066	18.553	ng	98
69) Atrazine	16.877	200	263132	19.133	ng	99
70) Pentachlorophenol	17.059	266	261363	19.912	ng	98
71) Phenanthrene	17.459	178	2155674	19.654	ng	99
72) Anthracene	17.548	178	2217842	19.765	ng	99
73) Carbazole	17.812	167	1955754	20.080	ng	99
74) Di-n-butylphthalate	18.395	149	1665354	18.508	ng	99
75) Fluoranthene	19.465	202	2159608	19.638	ng	99
77) Benzidine	19.648	184	247522	19.384	ng	99
78) Pyrene	19.824	202	2273393	19.258	ng	100
80) Butylbenzylphthalate	20.730	149	129165	8.448	ng	90
81) Benzo(a)anthracene	21.571	228	2145475	19.766	ng	99
82) 3,3'-Dichlorobenzidine	21.506	252	353304	20.274	ng	98
83) Chrysene	21.624	228	2046691	20.035	ng	100
84) Bis(2-ethylhexyl)phtha...	21.512	149	312074	17.707	ng	96
85) Di-n-octyl phthalate	22.471	149	444805	19.802	ng	# 89
87) Indeno(1,2,3-cd)pyrene	26.624	276	1537467	17.489	ng	99
88) Benzo(b)fluoranthene	23.300	252	1582739	19.967	ng	99
89) Benzo(k)fluoranthene	23.347	252	1717943	19.992	ng	99
90) Benzo(a)pyrene	23.941	252	1426116	19.358	ng	99
91) Dibenzo(a,h)anthracene	26.647	278	1322224	18.273	ng	99
92) Benzo(g,h,i)perylene	27.412	276	1151925	17.425	ng	99

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

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