

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042722\
 Data File : BM034853.D
 Acq On : 27 Apr 2022 15:11
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/28/2022
 Supervised By : Jagrut Upadhyay 04/28/2022

Quant Time: Apr 28 01:12:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 01:07:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	178066	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	714146	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	447965	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	913190	20.000	ng	0.00
76) Chrysene-d12	21.480	240	906860	20.000	ng	0.00
86) Perylene-d12	23.874	264	923373	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	410656	41.372	ng	0.00
7) Phenol-d6	7.093	99	532757	37.488	ng	0.00
23) Nitrobenzene-d5	9.087	82	528512	36.031	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	190949	31.625	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1203387	36.709	ng	0.00
79) Terphenyl-d14	19.927	244	1808135	34.645	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	81310	18.106	ng	98
3) Pyridine	3.805	79	232801m	19.157	ng	
4) n-Nitrosodimethylamine	3.711	42	112684	19.528	ng	95
6) Aniline	7.251	93	308408	18.990	ng	99
8) 2-Chlorophenol	7.493	128	226578	19.516	ng	99
9) Benzaldehyde	7.063	77	181801	23.744	ng	97
10) Phenol	7.116	94	272988	19.314	ng	99
11) bis(2-Chloroethyl)ether	7.351	93	203538	17.544	ng	99
12) 1,3-Dichlorobenzene	7.822	146	257917	19.585	ng	99
13) 1,4-Dichlorobenzene	7.969	146	260047	19.289	ng	99
14) 1,2-Dichlorobenzene	8.287	146	249146	18.957	ng	99
15) Benzyl Alcohol	8.169	79	197659	17.477	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	336688	21.148	ng	99
17) 2-Methylphenol	8.369	107	184204	18.608	ng	99
18) Hexachloroethane	9.016	117	96261	19.359	ng	96
19) n-Nitroso-di-n-propyla...	8.740	70	178049	17.320	ng	99
20) 3+4-Methylphenols	8.698	107	255081	18.632	ng	99
22) Acetophenone	8.751	105	347549	18.964	ng	# 98
24) Nitrobenzene	9.128	77	265567	19.392	ng	97
25) Isophorone	9.657	82	442029	18.009	ng	99
26) 2-Nitrophenol	9.845	139	112678	18.554	ng	99
27) 2,4-Dimethylphenol	9.904	122	179913	18.919	ng	99
28) bis(2-Chloroethoxy)met...	10.145	93	255667	16.269	ng	99
29) 2,4-Dichlorophenol	10.381	162	209190	18.933	ng	99
30) 1,2,4-Trichlorobenzene	10.598	180	233852	18.619	ng	98
31) Naphthalene	10.787	128	731275	19.655	ng	100
32) Benzoic acid	9.998	122	137524	17.488	ng	96
33) 4-Chloroaniline	10.887	127	298395	20.332	ng	99
34) Hexachlorobutadiene	11.081	225	141218	17.752	ng	97
35) Caprolactam	11.651	113	62270	16.212	ng	93
36) 4-Chloro-3-methylphenol	12.010	107	221863	17.522	ng	96
37) 2-Methylnaphthalene	12.392	142	512533	19.306	ng	99
38) 1-Methylnaphthalene	12.610	142	496565	19.121	ng	98
40) 1,2,4,5-Tetrachloroben...	12.763	216	241202	17.842	ng	99
41) Hexachlorocyclopentadiene	12.751	237	142753	18.237	ng	97
43) 2,4,6-Trichlorophenol	12.998	196	165871	17.772	ng	97

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44) 2,4,5-Trichlorophenol	13.069	196	186721	18.639	ng	99
46) 1,1'-Biphenyl	13.398	154	660904	19.349	ng	99
47) 2-Chloronaphthalene	13.439	162	509398	19.429	ng	98
48) 2-Nitroaniline	13.633	65	148934	18.581	ng	98
49) Acenaphthylene	14.286	152	802016	19.627	ng	99
50) Dimethylphthalate	14.022	163	663195	19.452	ng	99
51) 2,6-Dinitrotoluene	14.133	165	135932	19.438	ng	99
52) Acenaphthene	14.627	154	540709	19.644	ng	99
53) 3-Nitroaniline	14.457	138	148382	21.149	ng	100
54) 2,4-Dinitrophenol	14.663	184	72686	18.551	ng	98
55) Dibenzofuran	14.963	168	780505	19.028	ng	99
56) 4-Nitrophenol	14.757	139	122928	21.612	ng	96
57) 2,4-Dinitrotoluene	14.916	165	181505	19.201	ng	93
58) Fluorene	15.610	166	652847	19.605	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	160962	17.818	ng	98
60) Diethylphthalate	15.386	149	686299	19.620	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	304328	17.900	ng	99
62) 4-Nitroaniline	15.616	138	153013	22.671	ng	97
63) Azobenzene	15.898	77	633698	18.787	ng	99
65) 4,6-Dinitro-2-methylph...	15.680	198	101175	17.039	ng	96
66) n-Nitrosodiphenylamine	15.816	169	544979	18.785	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	178961	17.048	ng	99
68) Hexachlorobenzene	16.616	284	204413	17.458	ng	99
69) Atrazine	16.768	200	183607	19.200	ng	98
70) Pentachlorophenol	16.957	266	126538	16.899	ng	97
71) Phenanthrene	17.345	178	1008640	19.723	ng	99
72) Anthracene	17.439	178	974597	19.579	ng	100
73) Carbazole	17.704	167	910640	19.616	ng	98
74) Di-n-butylphthalate	18.280	149	1128705	19.558	ng	100
75) Fluoranthene	19.357	202	1123121	19.590	ng	100
77) Benzidine	19.539	184	587301	44.193	ng	99
78) Pyrene	19.721	202	1173025	18.359	ng	100
80) Butylbenzylphthalate	20.621	149	510231	18.883	ng	99
81) Benzo(a)anthracene	21.468	228	1192457	20.834	ng	99
82) 3,3'-Dichlorobenzidine	21.398	252	346645	18.132	ng	99
83) Chrysene	21.515	228	1134136	19.403	ng	100
84) Bis(2-ethylhexyl)phtha...	21.403	149	798267	20.006	ng	99
85) Di-n-octyl phthalate	22.327	149	1298927	20.508	ng	99
87) Indeno(1,2,3-cd)pyrene	26.350	276	1374008	23.132	ng	99
88) Benzo(b)fluoranthene	23.145	252	1125074	20.376	ng	99
89) Benzo(k)fluoranthene	23.192	252	1164523	19.909	ng	99
90) Benzo(a)pyrene	23.768	252	942299	20.131	ng	99
91) Dibenzo(a,h)anthracene	26.374	278	1145975	23.793	ng	100
92) Benzo(g,h,i)perylene	27.115	276	1105171	22.169	ng	100

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

