

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092722\
 Data File : BM036786.D
 Acq On : 27 Sep 2022 21:16
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/28/2022
 Supervised By : Jagrut Upadhyay 09/28/2022

Quant Time: Sep 28 00:42:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 00:34:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	364772	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	1437047	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	784738	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1339373	20.000	ng	0.00
76) Chrysene-d12	21.521	240	1098472	20.000	ng	0.00
86) Perylene-d12	23.944	264	1014219	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	2665988	118.492	ng	0.00
7) Phenol-d6	7.157	99	3740040	130.640	ng	0.00
23) Nitrobenzene-d5	9.163	82	3550287	138.293	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	836464	90.861	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	6856202	128.998	ng	0.00
79) Terphenyl-d14	19.968	244	6851712	123.031	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	542170	59.801	ng	98
3) Pyridine	3.822	79	1702272m	70.019	ng	
4) n-Nitrosodimethylamine	3.728	42	675184	67.583	ng	95
6) Aniline	7.316	93	2249991	70.971	ng	100
8) 2-Chlorophenol	7.551	128	1516823	63.230	ng	99
9) Benzaldehyde	7.128	77	965379	63.695	ng	99
10) Phenol	7.181	94	2079780	72.149	ng	100
11) bis(2-Chloroethyl)ether	7.416	93	1569589	66.099	ng	99
12) 1,3-Dichlorobenzene	7.881	146	1614627	60.739	ng	99
13) 1,4-Dichlorobenzene	8.028	146	1651182	60.908	ng	99
14) 1,2-Dichlorobenzene	8.345	146	1584682	60.583	ng	99
15) Benzyl Alcohol	8.234	79	1359566	70.768	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.528	45	1914680	60.638	ng	99
17) 2-Methylphenol	8.434	107	1322884	69.327	ng	99
18) Hexachloroethane	9.075	117	592335	60.697	ng	98
19) n-Nitroso-di-n-propyla...	8.810	70	1229040	70.677	ng	98
20) 3+4-Methylphenols	8.769	107	1818266	70.136	ng	99
22) Acetophenone	8.822	105	2331575	68.540	ng	# 99
24) Nitrobenzene	9.204	77	1812229	75.090	ng	97
25) Isophorone	9.734	82	3050892	73.052	ng	100
27) 2,4-Dimethylphenol	9.975	122	1204052	68.282	ng	99
28) bis(2-Chloroethoxy)met...	10.216	93	1796914	60.392	ng	99
29) 2,4-Dichlorophenol	10.445	162	1314909	66.309	ng	99
30) 1,2,4-Trichlorobenzene	10.663	180	1379251	61.376	ng	100
31) Naphthalene	10.851	128	4852291	67.915	ng	99
32) Benzoic acid	10.134	122	959223	68.624	ng	99
33) 4-Chloroaniline	10.963	127	1947792	67.646	ng	99
34) Hexachlorobutadiene	11.134	225	750372	56.824	ng	97
35) Caprolactam	11.781	113	407593	66.730	ng	96
36) 4-Chloro-3-methylphenol	12.081	107	1441136	69.141	ng	99
37) 2-Methylnaphthalene	12.457	142	3212547	67.570	ng	99
38) 1-Methylnaphthalene	12.675	142	3120670	67.025	ng	100
40) 1,2,4,5-Tetrachloroben...	12.816	216	1348716	63.394	ng	99
41) Hexachlorocyclopentadiene	12.798	237	691486	61.368	ng	99
43) 2,4,6-Trichlorophenol	13.057	196	940741	64.983	ng	99
44) 2,4,5-Trichlorophenol	13.128	196	1037107	67.865	ng	98

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46) 1,1'-Biphenyl	13.457	154	3746079	65.503	ng	99
47) 2-Chloronaphthalene	13.498	162	2918402	66.675	ng	100
48) 2-Nitroaniline	13.704	65	946707	79.366	ng	98
49) Acenaphthylene	14.339	152	4625259	68.360	ng	99
50) Dimethylphthalate	14.080	163	3316785	62.152	ng	99
51) 2,6-Dinitrotoluene	14.198	165	709391	66.254	ng	91
52) Acenaphthene	14.680	154	2838084	64.123	ng	99
53) 3-Nitroaniline	14.527	138	841530	67.364	ng	97
54) 2,4-Dinitrophenol	14.727	184	349999	61.772	ng	100
55) Dibenzofuran	15.016	168	4214407	63.586	ng	99
56) 4-Nitrophenol	14.827	139	659904	66.011	ng	98
57) 2,4-Dinitrotoluene	14.980	165	905880	64.548	ng	93
58) Fluorene	15.663	166	3504158	67.024	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.239	232	809052	62.498	ng	99
60) Diethylphthalate	15.439	149	3149603	57.432	ng	99
61) 4-Chlorophenyl-phenyle...	15.657	204	1543965	59.224	ng	96
62) 4-Nitroaniline	15.686	138	854181	66.466	ng	97
63) Azobenzene	15.945	77	3571034	68.496	ng	99
65) 4,6-Dinitro-2-methylph...	15.739	198	448786	65.532	ng	95
66) n-Nitrosodiphenylamine	15.868	169	2764790	73.123	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	819490	61.169	ng	100
68) Hexachlorobenzene	16.657	284	927435	60.333	ng	98
69) Atrazine	16.821	200	704741	66.612	ng	99
70) Pentachlorophenol	17.004	266	567968	63.088	ng	99
71) Phenanthrene	17.398	178	4838128	70.903	ng	99
72) Anthracene	17.486	178	4622576	69.973	ng	99
73) Carbazole	17.757	167	4308198	64.363	ng	100
74) Di-n-butylphthalate	18.321	149	4514114	56.494	ng	100
75) Fluoranthene	19.404	202	4872024	63.785	ng	99
77) Benzidine	19.586	184	1183768	71.857	ng	100
78) Pyrene	19.762	202	5123135	75.212	ng	99
81) Benzo(a)anthracene	21.509	228	4482163	66.246	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	1289403	78.484	ng	100
83) Chrysene	21.562	228	4251866	66.109	ng	99
85) Di-n-octyl phthalate	22.368	149	3586534	49.548	ng	99
87) Indeno(1,2,3-cd)pyrene	26.474	276	4835946	67.850	ng	99
88) Benzo(b)fluoranthene	23.209	252	4074833	68.574	ng	99
89) Benzo(k)fluoranthene	23.256	252	3983551	66.374	ng	100
90) Benzo(a)pyrene	23.839	252	3352588	67.244	ng	100
91) Dibenzo(a,h)anthracene	26.491	278	4004871	67.128	ng	100
92) Benzo(g,h,i)perylene	27.250	276	3989173	69.069	ng	99

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

