

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060921\
 Data File : BM030336.D
 Acq On : 09 Jun 2021 11:06
 Operator : CG/JU
 Sample : PB136924BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB136924BSD

Manual Integrations
 APPROVED

mohammad
 6/9/2021 3:54:16 PM

Quant Time: Jun 09 12:44:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 08 20:51:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	289584	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	1103903	20.000	ng	# 0.00
39) Acenaphthene-d10	14.474	164	604294	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1089004	20.000	ng	0.00
76) Chrysene-d12	21.368	240	888925	20.000	ng	0.00
86) Perylene-d12	23.650	264	789247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2447964	137.423	ng	0.00
7) Phenol-d6	7.016	99	2983179	115.684	ng	0.00
23) Nitrobenzene-d5	9.010	82	1878580	82.906	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	921872	121.336	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	4127681	89.826	ng	0.00
79) Terphenyl-d14	19.821	244	4428034	87.494	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.357	88	263647	34.237	ng	90
3) Pyridine	3.752	79	649836	33.058	ng	# 85
4) n-Nitrosodimethylamine	3.657	42	397751	39.858	ng	84
6) Aniline	7.181	93	1097887	37.308	ng	96
8) 2-Chlorophenol	7.416	128	870815	41.651	ng	97
9) Benzaldehyde	6.992	77	502007	46.608	ng	94
10) Phenol	7.040	94	1067043	40.960	ng	93
11) bis(2-Chloroethyl)ether	7.275	93	828442	40.361	ng	95
12) 1,3-Dichlorobenzene	7.739	146	952073	41.332	ng	99
13) 1,4-Dichlorobenzene	7.887	146	973509	41.472	ng	99
14) 1,2-Dichlorobenzene	8.204	146	938695	41.108	ng	100
15) Benzyl Alcohol	8.087	79	714699	39.492	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.375	45	1260124	38.153	ng	89
17) 2-Methylphenol	8.287	107	687684	40.736	ng	93
18) Hexachloroethane	8.928	117	360166	42.690	ng	95
19) n-Nitroso-di-n-propyla...	8.657	70	621258	36.285	ng	99
20) 3+4-Methylphenols	8.616	107	905891	39.441	ng	97
22) Acetophenone	8.669	105	1242765	42.136	ng	98
24) Nitrobenzene	9.051	77	917912	38.834	ng	96
25) Isophorone	9.575	82	1540182	35.465	ng	99
26) 2-Nitrophenol	9.757	139	414804	40.613	ng	96
27) 2,4-Dimethylphenol	9.816	122	760298	45.228	ng	97
28) bis(2-Chloroethoxy)met...	10.051	93	1040097	42.122	ng	99
29) 2,4-Dichlorophenol	10.286	162	781371	41.463	ng	96
30) 1,2,4-Trichlorobenzene	10.504	180	894247	41.573	ng	99
31) Naphthalene	10.692	128	2517949	39.157	ng	98
32) Benzoic acid	9.957	122	456334	36.317	ng	93
33) 4-Chloroaniline	10.798	127	450720	17.223	ng	97
34) Hexachlorobutadiene	10.975	225	538693	41.953	ng	97
35) Caprolactam	11.575	113	188850m	31.444	ng	
36) 4-Chloro-3-methylphenol	11.916	107	719015	36.425	ng	100
37) 2-Methylnaphthalene	12.298	142	1797457	38.097	ng	98
38) 1-Methylnaphthalene	12.522	142	1642151	36.542	ng	99
40) 1,2,4,5-Tetrachloroben...	12.669	216	969707	49.784	ng	99
41) Hexachlorocyclopentadiene	12.651	237	1386612	129.834	ng	98
43) 2,4,6-Trichlorophenol	12.904	196	594844	45.173	ng	98

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44) 2,4,5-Trichlorophenol	12.974	196	632988	43.824	ng	98
46) 1,1'-Biphenyl	13.310	154	2217190	45.307	ng	99
47) 2-Chloronaphthalene	13.351	162	1716113	43.385	ng	98
48) 2-Nitroaniline	13.551	65	436776	37.223	ng	97
49) Acenaphthylene	14.198	152	2595582	42.834	ng	100
50) Dimethylphthalate	13.933	163	1917490	39.871	ng	100
51) 2,6-Dinitrotoluene	14.045	165	417868	39.416	ng	98
52) Acenaphthene	14.539	154	1553289	40.130	ng	98
53) 3-Nitroaniline	14.374	138	235022	22.187	ng	97
54) 2,4-Dinitrophenol	14.580	184	443332	64.399	ng	89
55) Dibenzofuran	14.868	168	2411508	39.156	ng	99
56) 4-Nitrophenol	14.674	139	672926	74.753	ng	94
57) 2,4-Dinitrotoluene	14.833	165	537921	36.651	ng	98
58) Fluorene	15.515	166	1975906	38.889	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.092	232	504911	40.389	ng	98
60) Diethylphthalate	15.292	149	1853764	38.559	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	1001928	40.012	ng	93
62) 4-Nitroaniline	15.533	138	381619	32.174	ng	88
63) Azobenzene	15.804	77	1810816	37.292	ng	98
65) 4,6-Dinitro-2-methylph...	15.592	198	263990	37.588	ng	93
66) n-Nitrosodiphenylamine	15.727	169	1634766	43.166	ng	100
67) 4-Bromophenyl-phenylether	16.404	248	555755	43.793	ng	98
68) Hexachlorobenzene	16.521	284	630313	43.803	ng	97
69) Atrazine	16.668	200	535761	52.823	ng	95
70) Pentachlorophenol	16.857	266	746532	88.638	ng	98
71) Phenanthrene	17.251	178	2746439	40.079	ng	100
72) Anthracene	17.339	178	2793934	41.992	ng	100
73) Carbazole	17.609	167	2334645	36.795	ng	100
74) Di-n-butylphthalate	18.168	149	2780329	42.030	ng	99
75) Fluoranthene	19.256	202	2809136	36.116	ng	97
77) Benzidine	19.439	184	1210887	76.988	ng	99
78) Pyrene	19.615	202	2908922	43.186	ng	100
80) Butylbenzylphthalate	20.509	149	1033978	38.037	ng	97
81) Benzo(a)anthracene	21.350	228	2563615	39.625	ng	99
82) 3,3'-Dichlorobenzidine	21.286	252	688204	35.138	ng	99
83) Chrysene	21.403	228	2485979	39.539	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	1594883	38.887	ng	97
85) Di-n-octyl phthalate	22.168	149	2523570	39.800	ng	99
87) Indeno(1,2,3-cd)pyrene	25.968	276	2852316	47.514	ng	97
88) Benzo(b)fluoranthene	22.962	252	2512628	42.063	ng	99
89) Benzo(k)fluoranthene	23.009	252	2324149	39.837	ng	99
90) Benzo(a)pyrene	23.550	252	2309474	43.721	ng	98
91) Dibenzo(a,h)anthracene	25.985	278	2426463	46.881	ng	98
92) Benzo(g,h,i)perylene	26.685	276	2392647	48.601	ng	97

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

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