

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100221\
 Data File : BM032312.D
 Acq On : 01 Oct 2021 12:56
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

mohammad
 10/5/2021 12:06:04 PM

Quant Time: Oct 01 13:40:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 12:21:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	367729	20.00	ng	0.00
21) Naphthalene-d8	10.431	136	1361157	20.00	ng	# 0.00
39) Acenaphthene-d10	14.289	164	809974	20.00	ng	0.00
64) Phenanthrene-d10	17.013	188	1579281	20.00	ng	# 0.00
76) Chrysene-d12	21.177	240	1242230	20.00	ng	# 0.00
86) Perylene-d12	23.330	264	1133914	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.214	112	2420451	111.23	ng	0.00
7) Phenol-d6	6.837	99	3280127	103.79	ng	0.00
23) Nitrobenzene-d5	8.802	82	2863650	118.24	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1038565	118.12	ng	0.00
45) 2-Fluorobiphenyl	12.907	172	5712695	113.99	ng	0.00
79) Terphenyl-d14	19.630	244	6607919	123.09	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.014	88	512550	56.36	ng	90
3) Pyridine	3.425	79	1412337	53.90	ng	94
4) n-Nitrosodimethylamine	3.343	42	568697	53.20	ng	# 61
6) Aniline	6.972	93	1854676	52.23	ng	91
8) 2-Chlorophenol	7.213	128	1322568	54.49	ng	92
9) Benzaldehyde	6.766	77	890610	48.66	ng	85
10) Phenol	6.860	94	1594773	52.37	ng	83
11) bis(2-Chloroethyl)ether	7.066	93	1264275	52.09	ng	93
12) 1,3-Dichlorobenzene	7.537	146	1477171	54.89	ng	# 91
13) 1,4-Dichlorobenzene	7.678	146	1507741	55.00	ng	97
14) 1,2-Dichlorobenzene	8.002	146	1441913	54.09	ng	96
15) Benzyl Alcohol	7.890	79	1159929	53.28	ng	87
16) 2,2'-oxybis(1-Chloropr...	8.178	45	1594611	49.39	ng	97
17) 2-Methylphenol	8.107	107	1098606	53.55	ng	# 89
18) Hexachloroethane	8.731	117	534346	58.54	ng	91
19) n-Nitroso-di-n-propyla...	8.454	70	892846	50.03	ng	# 83
20) 3+4-Methylphenols	8.437	107	1458943	51.67	ng	95
22) Acetophenone	8.460	105	1857926	55.68	ng	# 87
24) Nitrobenzene	8.843	77	1378059	58.56	ng	# 87
25) Isophorone	9.360	82	2413185	58.21	ng	95
26) 2-Nitrophenol	9.554	139	701248	66.65	ng	# 73
27) 2,4-Dimethylphenol	9.625	122	1073899	57.89	ng	94
28) bis(2-Chloroethoxy)met...	9.843	93	1670351	55.58	ng	100
29) 2,4-Dichlorophenol	10.090	162	1218871	60.07	ng	97
30) 1,2,4-Trichlorobenzene	10.301	180	1332578	59.21	ng	99
31) Naphthalene	10.484	128	3948076	56.60	ng	99
32) Benzoic acid	9.819	122	852237	64.15	ng	# 81
33) 4-Chloroaniline	10.590	127	1645322	55.45	ng	# 94
34) Hexachlorobutadiene	10.790	225	806523	61.50	ng	98
35) Caprolactam	11.372	113	383774	51.81	ng	# 79
36) 4-Chloro-3-methylphenol	11.737	107	1290802	56.87	ng	96
37) 2-Methylnaphthalene	12.095	142	2665246m	55.37	ng	
38) 1-Methylnaphthalene	12.319	142	2582880	54.81	ng	# 98
40) 1,2,4,5-Tetrachloroben...	12.484	216	1337454	59.03	ng	# 96
41) Hexachlorocyclopentadiene	12.472	237	716209	72.12	ng	98
43) 2,4,6-Trichlorophenol	12.719	196	969314	61.69	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	12.795	196	1045771	61.49	ng	#	91
46) 1,1'-Biphenyl	13.119	154	3384573	56.91	ng		98
47) 2-Chloronaphthalene	13.160	162	2650943	58.52	ng		99
48) 2-Nitroaniline	13.360	65	785691	62.87	ng	#	78
49) Acenaphthylene	14.007	152	4144241	58.69	ng		98
50) Dimethylphthalate	13.748	163	3251836	57.41	ng		99
51) 2,6-Dinitrotoluene	13.854	165	695236	61.60	ng	#	65
52) Acenaphthene	14.354	154	2698073	57.22	ng		98
53) 3-Nitroaniline	14.189	138	792628	60.00	ng		85
54) 2,4-Dinitrophenol	14.389	184	426291	64.74	ng	#	60
55) Dibenzofuran	14.683	168	3985760	55.65	ng		94
56) 4-Nitrophenol	14.513	139	654925	58.33	ng	#	66
57) 2,4-Dinitrotoluene	14.642	165	944871	62.95	ng	#	60
58) Fluorene	15.336	166	2810315	52.46	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.919	232	862256	58.12	ng	#	84
60) Diethylphthalate	15.107	149	3196778	57.10	ng		96
61) 4-Chlorophenyl-phenyle...	15.325	204	1470194	54.24	ng		93
62) 4-Nitroaniline	15.354	138	783625	58.04	ng	#	69
63) Azobenzene	15.619	77	3093487	57.16	ng		84
65) 4,6-Dinitro-2-methylph...	15.413	198	593797	65.67	ng	#	74
66) n-Nitrosodiphenylamine	15.542	169	2662051	57.66	ng		98
67) 4-Bromophenyl-phenylether	16.213	248	962516	61.05	ng		91
68) Hexachlorobenzene	16.348	284	1036668	59.44	ng	#	82
69) Atrazine	16.483	200	937113	60.56	ng		95
70) Pentachlorophenol	16.677	266	698477	64.73	ng		99
71) Phenanthrene	17.060	178	4577068	54.87	ng		99
72) Anthracene	17.148	178	4570398	56.54	ng		99
73) Carbazole	17.413	167	4463568	54.11	ng		98
74) Di-n-butylphthalate	17.966	149	5067551	60.42	ng	#	97
75) Fluoranthene	19.066	202	4944316	52.37	ng		97
77) Benzidine	19.242	184	1935677	63.11	ng		98
78) Pyrene	19.424	202	5050385	65.28	ng		97
80) Butylbenzylphthalate	20.313	149	2066658	69.95	ng		92
81) Benzo(a)anthracene	21.165	228	4382630	57.35	ng		98
82) 3,3'-Dichlorobenzidine	21.095	252	1418380	57.83	ng		100
83) Chrysene	21.218	228	4177606	56.08	ng		99
84) Bis(2-ethylhexyl)phtha...	21.083	149	2688256	67.28	ng		95
85) Di-n-octyl phthalate	21.930	149	4503382	62.80	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.477	276	4203963	55.56	ng		96
88) Benzo(b)fluoranthene	22.695	252	3877657	60.80	ng		99
89) Benzo(k)fluoranthene	22.736	252	3959268	61.08	ng		98
90) Benzo(a)pyrene	23.242	252	3310172	60.83	ng		99
91) Dibenzo(a,h)anthracene	25.483	278	3524546	56.20	ng		96
92) Benzo(g,h,i)perylene	26.136	276	3576081	55.05	ng	#	96

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

