

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022422\
 Data File : BM034066.D
 Acq On : 24 Feb 2022 13:13
 Operator : CG/JU
 Sample : PB142854BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB142854BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/25/2022
 Supervised By : mohammad ahmed 02/28/2022

Quant Time: Feb 25 01:10:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 22 17:55:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	218751	20.000	ng	-0.01
21) Naphthalene-d8	10.831	136	883525	20.000	ng	# 0.00
39) Acenaphthene-d10	14.654	164	599526	20.000	ng	0.00
64) Phenanthrene-d10	17.389	188	1189521	20.000	ng	# 0.00
76) Chrysene-d12	21.565	240	996512	20.000	ng	# 0.00
86) Perylene-d12	24.024	264	897492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	1479792	120.590	ng	0.00
7) Phenol-d6	7.172	99	1798132	111.588	ng	0.00
23) Nitrobenzene-d5	9.178	82	1187071	72.506	ng	0.00
42) 2,4,6-Tribromophenol	16.136	330	918144	126.183	ng	0.00
45) 2-Fluorobiphenyl	13.283	172	3333173	74.072	ng	0.00
79) Terphenyl-d14	20.007	244	4531185	79.179	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.425	88	127471	27.018	ng	86
3) Pyridine	3.831	79	316965	23.914	ng	88
4) n-Nitrosodimethylamine	3.737	42	258458	38.983	ng	# 85
6) Aniline	7.331	93	635613	35.697	ng	91
8) 2-Chlorophenol	7.578	128	578973	42.173	ng	82
9) Benzaldehyde	7.143	77	267655	29.588	ng	86
10) Phenol	7.196	94	657068	41.456	ng	94
11) bis(2-Chloroethyl)ether	7.431	93	476395	37.669	ng	90
12) 1,3-Dichlorobenzene	7.907	146	622761m	38.591	ng	
13) 1,4-Dichlorobenzene	8.048	146	644111	39.051	ng	95
14) 1,2-Dichlorobenzene	8.372	146	620137	38.523	ng	94
15) Benzyl Alcohol	8.248	79	504544	40.605	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.548	45	580574	34.526	ng	94
17) 2-Methylphenol	8.454	107	459961	41.201	ng	96
18) Hexachloroethane	9.107	117	225883	40.015	ng	# 87
19) n-Nitroso-di-n-propyla...	8.831	70	396222	38.042	ng	# 90
20) 3+4-Methylphenols	8.784	107	619523	40.189	ng	95
22) Acetophenone	8.837	105	836115	39.179	ng	# 93
24) Nitrobenzene	9.219	77	602593	39.535	ng	# 88
25) Isophorone	9.754	82	1014140	38.375	ng	# 92
26) 2-Nitrophenol	9.937	139	311826	43.421	ng	# 80
27) 2,4-Dimethylphenol	9.995	122	531928	45.845	ng	92
28) bis(2-Chloroethoxy)met...	10.237	93	641605	35.905	ng	# 97
29) 2,4-Dichlorophenol	10.472	162	612736	42.712	ng	95
30) 1,2,4-Trichlorobenzene	10.695	180	663711	39.410	ng	97
31) Naphthalene	10.884	128	1760491	38.783	ng	99
32) Benzoic acid	10.131	122	379759	43.217	ng	# 84
33) 4-Chloroaniline	10.984	127	325674	17.523	ng	# 89
34) Hexachlorobutadiene	11.178	225	428328	40.028	ng	97
35) Caprolactam	11.760	113	159560	55.176	ng	# 62
36) 4-Chloro-3-methylphenol	12.101	107	580881	41.123	ng	# 84
37) 2-Methylnaphthalene	12.489	142	1377352	41.590	ng	97
38) 1-Methylnaphthalene	12.707	142	1265232	39.183	ng	99
40) 1,2,4,5-Tetrachloroben...	12.854	216	808135	42.162	ng	98
41) Hexachlorocyclopentadiene	12.842	237	1055028	94.226	ng	99
43) 2,4,6-Trichlorophenol	13.089	196	524945	43.309	ng	98

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44) 2,4,5-Trichlorophenol	13.154	196	569796	46.275	ng	# 91
46) 1,1'-Biphenyl	13.489	154	1834928	40.058	ng	97
47) 2-Chloronaphthalene	13.530	162	1403873	39.250	ng	95
48) 2-Nitroaniline	13.725	65	354365	41.718	ng	# 74
49) Acenaphthylene	14.372	152	2170843	40.498	ng	99
50) Dimethylphthalate	14.107	163	1752060	39.419	ng	99
51) 2,6-Dinitrotoluene	14.219	165	379822	43.185	ng	# 81
52) Acenaphthene	14.719	154	1573821	44.434	ng	100
53) 3-Nitroaniline	14.542	138	248332	28.229	ng	81
54) 2,4-Dinitrophenol	14.748	184	448699	91.045	ng	# 78
55) Dibenzofuran	15.048	168	2119574	38.311	ng	98
56) 4-Nitrophenol	14.848	139	597579	84.040	ng	# 80
57) 2,4-Dinitrotoluene	15.001	165	513043	44.857	ng	# 77
58) Fluorene	15.695	166	1772820	39.861	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.272	232	499933	41.450	ng	# 90
60) Diethylphthalate	15.472	149	1748229	39.334	ng	99
61) 4-Chlorophenyl-phenylether	15.689	204	934539	39.238	ng	95
62) 4-Nitroaniline	15.701	138	362020	39.653	ng	85
63) Azobenzene	15.983	77	1442896	37.372	ng	92
65) 4,6-Dinitro-2-methylph...	15.766	198	278000	39.872	ng	# 69
66) n-Nitrosodiphenylamine	15.901	169	1520452	40.828	ng	100
67) 4-Bromophenyl-phenylether	16.583	248	562819	41.884	ng	92
68) Hexachlorobenzene	16.701	284	652041	42.113	ng	# 91
69) Atrazine	16.848	200	539071	43.760	ng	96
70) Pentachlorophenol	17.036	266	823815	88.075	ng	98
71) Phenanthrene	17.436	178	2655980	40.253	ng	99
72) Anthracene	17.524	178	2677289	41.695	ng	99
73) Carbazole	17.789	167	2264383	37.453	ng	99
74) Di-n-butylphthalate	18.360	149	2744758	39.909	ng	99
75) Fluoranthene	19.442	202	2857417	39.417	ng	97
77) Benzidine	19.618	184	890314	47.974	ng	99
78) Pyrene	19.807	202	2890511	42.235	ng	99
80) Butylbenzylphthalate	20.701	149	1048690	40.239	ng	86
81) Benzo(a)anthracene	21.548	228	2530599	39.029	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	763601	34.871	ng	# 99
83) Chrysene	21.601	228	2455368	39.643	ng	99
84) Bis(2-ethylhexyl)phtha...	21.483	149	1540436	38.694	ng	# 98
85) Di-n-octyl phthalate	22.430	149	2361153	37.421	ng	# 90
87) Indeno(1,2,3-cd)pyrene	26.600	276	2849940	44.665	ng	# 95
88) Benzo(b)fluoranthene	23.277	252	2558201	45.484	ng	# 98
89) Benzo(k)fluoranthene	23.324	252	2391453	42.623	ng	# 96
90) Benzo(a)pyrene	23.918	252	2378239	51.457	ng	# 98
91) Dibenzo(a,h)anthracene	26.618	278	2441749	45.502	ng	96
92) Benzo(g,h,i)perylene	27.388	276	2410494	46.369	ng	97

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

