

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
 Data File : BG052821.D
 Acq On : 24 Mar 2022 22:54
 Operator : CG/JU
 Sample : N2091-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MHBMS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/25/2022
 Supervised By : Jagrut Upadhyay 03/25/2022

Quant Time: Mar 25 03:20:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	27209	20.000	ng	0.00
21) Naphthalene-d8	10.960	136	116200	20.000	ng	0.00
39) Acenaphthene-d10	14.767	164	96171	20.000	ng	0.00
64) Phenanthrene-d10	17.510	188	243515	20.000	ng	0.00
76) Chrysene-d12	21.798	240	239195	20.000	ng	0.00
86) Perylene-d12	25.111	264	254914	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	197399	126.345	ng	0.00
7) Phenol-d6	7.294	99	299631	127.208	ng	0.00
23) Nitrobenzene-d5	9.303	82	202369	87.409	ng	0.00
42) 2,4,6-Tribromophenol	16.253	330	168845	130.657	ng	0.00
45) 2-Fluorobiphenyl	13.392	172	448060	68.713	ng	0.00
79) Terphenyl-d14	20.112	244	902278	67.101	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.588	88	31008	39.675	ng	# 90
3) Pyridine	3.987	79	82171	41.015	ng	# 88
4) n-Nitrosodimethylamine	3.893	42	50240	56.528	ng	# 75
6) Aniline	7.459	93	137415	49.754	ng	99
8) 2-Chlorophenol	7.705	128	94387	57.494	ng	91
9) Benzaldehyde	7.271	77	60885	49.803	ng	98
10) Phenol	7.318	94	133026	57.212	ng	89
11) bis(2-Chloroethyl)ether	7.553	93	89552	51.001	ng	95
12) 1,3-Dichlorobenzene	8.034	146	96106	48.621	ng	96
13) 1,4-Dichlorobenzene	8.175	146	97795	49.243	ng	97
14) 1,2-Dichlorobenzene	8.499	146	94560	50.345	ng	96
15) Benzyl Alcohol	8.375	79	109954	55.440	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.669	45	147756	48.321	ng	96
17) 2-Methylphenol	8.575	107	88596	57.157	ng	89
18) Hexachloroethane	9.233	117	37236	51.103	ng	91
19) n-Nitroso-di-n-propyla...	8.945	70	87717	52.580	ng	# 96
20) 3+4-Methylphenols	8.904	107	124315	57.308	ng	97
22) Acetophenone	8.963	105	146405	48.687	ng	# 96
24) Nitrobenzene	9.344	77	133762	57.743	ng	90
25) Isophorone	9.873	82	243992	54.427	ng	99
26) 2-Nitrophenol	10.061	139	54016	67.147	ng	96
27) 2,4-Dimethylphenol	10.114	122	99183	60.266	ng	97
28) bis(2-Chloroethoxy)met...	10.349	93	129217	48.748	ng	97
29) 2,4-Dichlorophenol	10.596	162	106662	57.597	ng	96
30) 1,2,4-Trichlorobenzene	10.819	180	108164	49.512	ng	98
31) Naphthalene	11.007	128	300107	49.944	ng	98
32) Benzoic acid	10.249	122	74538	59.455	ng	# 88
33) 4-Chloroaniline	11.101	127	78989	31.015	ng	95
34) Hexachlorobutadiene	11.295	225	73963	47.221	ng	94
35) Caprolactam	11.876	113	38053m	75.253	ng	
36) 4-Chloro-3-methylphenol	12.217	107	128156	59.594	ng	93
37) 2-Methylnaphthalene	12.605	142	221145	50.254	ng	95
38) 1-Methylnaphthalene	12.822	142	218120	50.788	ng	95
40) 1,2,4,5-Tetrachloroben...	12.969	216	138991	46.260	ng	# 98
41) Hexachlorocyclopentadiene	12.951	237	180852	101.547	ng	94
43) 2,4,6-Trichlorophenol	13.198	196	104672	54.400	ng	100

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44) 2,4,5-Trichlorophenol	13.274	196	114667	58.714	ng	96
46) 1,1'-Biphenyl	13.603	154	319793	47.549	ng	98
47) 2-Chloronaphthalene	13.645	162	253347	47.833	ng	95
48) 2-Nitroaniline	13.838	65	100175	69.156	ng	93
49) Acenaphthylene	14.490	152	433694	51.366	ng	99
50) Dimethylphthalate	14.214	163	354673	49.622	ng	97
51) 2,6-Dinitrotoluene	14.326	165	78039	64.668	ng	# 78
52) Acenaphthene	14.831	154	320185	59.195	ng	97
53) 3-Nitroaniline	14.655	138	67824	48.030	ng	96
54) 2,4-Dinitrophenol	14.861	184	107062	162.758	ng	# 84
55) Dibenzofuran	15.160	168	426357	48.268	ng	99
56) 4-Nitrophenol	14.960	139	143441	124.527	ng	# 79
57) 2,4-Dinitrotoluene	15.113	165	113248	67.635	ng	# 89
58) Fluorene	15.812	166	356547	49.518	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.383	232	117752	56.409	ng	99
60) Diethylphthalate	15.571	149	375412	49.758	ng	99
61) 4-Chlorophenyl-phenyle...	15.800	204	195291	49.180	ng	97
62) 4-Nitroaniline	15.824	138	85255	57.138	ng	# 79
63) Azobenzene	16.088	77	391840	48.591	ng	95
65) 4,6-Dinitro-2-methylph...	15.877	198	70798	65.214	ng	97
66) n-Nitrosodiphenylamine	16.012	169	325238	47.440	ng	99
67) 4-Bromophenyl-phenylether	16.693	248	142468	48.527	ng	95
68) Hexachlorobenzene	16.817	284	156772	49.679	ng	91
69) Atrazine	16.958	200	138752	54.888	ng	96
70) Pentachlorophenol	17.157	266	206759	105.610	ng	91
71) Phenanthrene	17.551	178	632840	48.578	ng	99
72) Anthracene	17.645	178	640269	49.717	ng	99
73) Carbazole	17.903	167	589752	46.238	ng	99
74) Di-n-butylphthalate	18.462	149	678241	48.676	ng	97
75) Fluoranthene	19.554	202	808065	48.865	ng	99
77) Benzidine	19.725	184	430802	69.830	ng	98
78) Pyrene	19.918	202	797029	48.037	ng	99
80) Butylbenzylphthalate	20.794	149	298286	50.680	ng	96
81) Benzo(a)anthracene	21.775	228	795169	49.646	ng	98
82) 3,3'-Dichlorobenzidine	21.681	252	182143	32.203	ng	96
83) Chrysene	21.845	228	723138	48.025	ng	99
84) Bis(2-ethylhexyl)phtha...	21.675	149	417958	52.217	ng	99
85) Di-n-octyl phthalate	22.926	149	702059	52.687	ng	96
87) Indeno(1,2,3-cd)pyrene	28.912	276	878282	50.337	ng	98
88) Benzo(b)fluoranthene	24.060	252	827652	52.291	ng	98
89) Benzo(k)fluoranthene	24.130	252	774792	49.754	ng	99
90) Benzo(a)pyrene	24.959	252	788784	58.874	ng	98
91) Dibenzo(a,h)anthracene	28.983	278	763354	53.095	ng	96
92) Benzo(g,h,i)perylene	30.105	276	757911	53.279	ng	96

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

