

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132117.D
 Acq On : 18 Jan 2023 13:50
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/19/2023
 Supervised By : Jagrut Upadhyay 01/19/2023

Quant Time: Jan 18 14:16:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 14:08:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.101	152	227064	20.000	ng	0.00
21) Naphthalene-d8	8.389	136	775479	20.000	ng	0.00
39) Acenaphthene-d10	10.154	164	410796	20.000	ng	0.00
64) Phenanthrene-d10	11.654	188	802505	20.000	ng	0.00
76) Chrysene-d12	14.318	240	369289	20.000	ng	0.00
86) Perylene-d12	15.912	264	396566	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.725	112	1617125	122.460	ng	0.00
7) Phenol-d6	6.725	99	2098749	123.098	ng	0.01
23) Nitrobenzene-d5	7.678	82	2073349	139.293	ng	0.01
42) 2,4,6-Tribromophenol	10.954	330	651872	142.807	ng	0.00
45) 2-Fluorobiphenyl	9.472	172	3068737	117.591	ng	0.00
79) Terphenyl-d14	13.248	244	3121008	133.935	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.072	88	459510	67.169	ng	99
3) Pyridine	3.825	79	1277271	70.101	ng	99
4) n-Nitrosodimethylamine	3.807	42	633078	72.338	ng	96
6) Aniline	6.778	93	1602710m	67.836	ng	
8) 2-Chlorophenol	6.890	128	829837	58.776	ng	97
10) Phenol	6.742	94	1072125	61.055	ng	96
11) bis(2-Chloroethyl)ether	6.842	93	922931	61.901	ng	99
12) 1,3-Dichlorobenzene	7.048	146	943274	60.956	ng	99
13) 1,4-Dichlorobenzene	7.119	146	930104	59.935	ng	96
15) Benzyl Alcohol	7.242	79	897241	69.910	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.372	45	1345998	60.485	ng	98
17) 2-Methylphenol	7.337	107	806057	64.056	ng	96
18) Hexachloroethane	7.619	117	368910	65.117	ng	93
19) n-Nitroso-di-n-propyla...	7.525	70	681053	64.068	ng	98
20) 3+4-Methylphenols	7.507	107	904150	57.154	ng	# 77
22) Acetophenone	7.519	105	1114139	60.066	ng	# 98
24) Nitrobenzene	7.695	77	1047033	66.835	ng	99
25) Isophorone	7.931	82	2170909	73.387	ng	100
26) 2-Nitrophenol	8.001	139	484291	77.327	ng	97
27) 2,4-Dimethylphenol	8.037	122	830278	65.032	ng	99
28) bis(2-Chloroethoxy)met...	8.131	93	1105196	64.052	ng	100
29) 2,4-Dichlorophenol	8.242	162	792546	66.411	ng	98
30) 1,2,4-Trichlorobenzene	8.331	180	833835	63.612	ng	99
31) Naphthalene	8.419	128	2357157	59.661	ng	99
32) Benzoic acid	8.184	122	743501m	99.028	ng	
33) 4-Chloroaniline	8.460	127	1077314	62.422	ng	99
34) Hexachlorobutadiene	8.525	225	570940	66.385	ng	98
35) Caprolactam	8.866	113	279848m	72.996	ng	
36) 4-Chloro-3-methylphenol	8.936	107	853653	68.914	ng	96
37) 2-Methylnaphthalene	9.107	142	1661438	60.480	ng	100
38) 1-Methylnaphthalene	9.207	142	1552281	60.099	ng	100
40) 1,2,4,5-Tetrachloroben...	9.272	216	864954	63.590	ng	99
41) Hexachlorocyclopentadiene	9.254	237	576552	82.545	ng	98
43) 2,4,6-Trichlorophenol	9.378	196	625383	72.744	ng	99
44) 2,4,5-Trichlorophenol	9.419	196	724331	68.405	ng	100
46) 1,1'-Biphenyl	9.578	154	1885938	59.956	ng	98

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47) 2-Chloronaphthalene	9.601	162	1529735	62.636	ng	97
48) 2-Nitroaniline	9.695	65	615658	75.728	ng	97
49) Acenaphthylene	10.025	152	2428093	61.189	ng	99
50) Dimethylphthalate	9.878	163	2042176	66.769	ng	100
51) 2,6-Dinitrotoluene	9.936	165	462481	71.725	ng	98
52) Acenaphthene	10.195	154	1539313	64.442	ng	99
53) 3-Nitroaniline	10.113	138	489864	71.768	ng	96
54) 2,4-Dinitrophenol	10.213	184	246234	100.991	ng	90
55) Dibenzofuran	10.366	168	2229152	60.176	ng	96
56) 4-Nitrophenol	10.254	139	372943	77.236	ng	88
57) 2,4-Dinitrotoluene	10.342	165	592221	74.770	ng	98
58) Fluorene	10.713	166	1639308	59.610	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.478	232	559688	66.981	ng	97
60) Diethylphthalate	10.578	149	1955061	63.450	ng	99
61) 4-Chlorophenyl-phenyle...	10.695	204	886323	60.006	ng	92
62) 4-Nitroaniline	10.742	138	449491	73.218	ng	97
63) Azobenzene	10.860	77	1868404	62.097	ng	99
65) 4,6-Dinitro-2-methylph...	10.754	198	322520	87.593	ng	92
66) n-Nitrosodiphenylamine	10.819	169	1531519	61.487	ng	99
67) 4-Bromophenyl-phenylether	11.195	248	615560	65.815	ng	99
68) Hexachlorobenzene	11.260	284	623357	66.304	ng	99
69) Atrazine	11.342	200	544211	65.392	ng	99
70) Pentachlorophenol	11.448	266	481543	75.856	ng	97
71) Phenanthrene	11.683	178	2463697	59.870	ng	99
72) Anthracene	11.736	178	2501126	59.763	ng	100
73) Carbazole	11.883	167	2185009	59.844	ng	99
74) Di-n-butylphthalate	12.207	149	2679711	60.513	ng	99
75) Fluoranthene	12.883	202	2534760	57.222	ng	99
77) Benzidine	12.989	184	650806	63.520	ng	96
78) Pyrene	13.113	202	2496019	69.259	ng	99
80) Butylbenzylphthalate	13.718	149	951500	75.792	ng	97
81) Benzo(a)anthracene	14.307	228	1856029	70.718	ng	99
82) 3,3'-Dichlorobenzidine	14.265	252	527870	76.390	ng	99
83) Chrysene	14.348	228	1719629	69.551	ng	99
84) Bis(2-ethylhexyl)phtha...	14.277	149	1190672	72.032	ng	100
85) Di-n-octyl phthalate	14.918	149	1889906	90.025	ng	100
87) Indeno(1,2,3-cd)pyrene	17.595	276	1937951	83.450	ng	99
88) Benzo(b)fluoranthene	15.436	252	1809259	71.405	ng	100
89) Benzo(k)fluoranthene	15.471	252	1624248	63.118	ng	100
90) Benzo(a)pyrene	15.854	252	1688297	74.060	ng	98
91) Dibenzo(a,h)anthracene	17.618	278	1518108	81.001	ng	99
92) Benzo(g,h,i)perylene	18.112	276	1598773	82.025	ng	99

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

