

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041723\
 Data File : BF132891.D
 Acq On : 17 Apr 2023 16:04
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/18/2023
 Supervised By : Jagrut Upadhyay 04/18/2023

Quant Time: Apr 18 04:47:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:30:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	327797	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	1192197	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	594327	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	1016377	20.000	ng	0.00
76) Chrysene-d12	13.933	240	649568	20.000	ng	0.00
86) Perylene-d12	15.357	264	618171	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2841609	135.552	ng	0.01
7) Phenol-d6	6.410	99	3600841	134.611	ng	0.01
23) Nitrobenzene-d5	7.345	82	3339490	146.008	ng	0.01
42) 2,4,6-Tribromophenol	10.604	330	928992	155.841	ng	0.01
45) 2-Fluorobiphenyl	9.139	172	4754679	122.899	ng	0.00
79) Terphenyl-d14	12.880	244	5190733	136.333	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.452	88	733879	71.744	ng	100
3) Pyridine	3.169	79	2078483	74.295	ng	99
4) n-Nitrosodimethylamine	3.146	42	988393	74.355	ng	95
6) Aniline	6.445	93	2517455	70.964	ng	98
8) 2-Chlorophenol	6.557	128	1415025	66.535	ng	97
10) Phenol	6.428	94	2013358	66.918	ng	86
11) bis(2-Chloroethyl)ether	6.516	93	1541884	67.879	ng	96
12) 1,3-Dichlorobenzene	6.716	146	1555725	66.553	ng	99
13) 1,4-Dichlorobenzene	6.787	146	1549108	66.137	ng	98
14) 1,2-Dichlorobenzene	6.945	146	1371273	62.703	ng	99
15) Benzyl Alcohol	6.922	79	1242697	67.786	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	2652397	67.483	ng	99
17) 2-Methylphenol	7.022	107	1368047	70.232	ng	99
18) Hexachloroethane	7.287	117	556159	68.418	ng	94
19) n-Nitroso-di-n-propyla...	7.204	70	1173178	70.262	ng	99
20) 3+4-Methylphenols	7.192	107	1421879	61.758	ng	# 84
22) Acetophenone	7.192	105	1851488	66.201	ng	99
24) Nitrobenzene	7.363	77	1682234	71.758	ng	100
25) Isophorone	7.604	82	3319684	76.519	ng	99
26) 2-Nitrophenol	7.675	139	764636	86.460	ng	98
27) 2,4-Dimethylphenol	7.716	122	1316023	72.949	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	1828457	70.491	ng	99
29) 2,4-Dichlorophenol	7.916	162	1224756	72.938	ng	98
30) 1,2,4-Trichlorobenzene	7.998	180	1271330	70.120	ng	100
31) Naphthalene	8.081	128	3945883	65.496	ng	99
32) Benzoic acid	7.875	122	829769	92.199	ng	97
33) 4-Chloroaniline	8.128	127	1742357	70.611	ng	99
34) Hexachlorobutadiene	8.198	225	741195	71.459	ng	99
35) Caprolactam	8.534	113	402843m	80.560	ng	
36) 4-Chloro-3-methylphenol	8.610	107	1314421	74.578	ng	99
37) 2-Methylnaphthalene	8.769	142	2712384	65.410	ng	99
38) 1-Methylnaphthalene	8.869	142	2556085	66.155	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	1174753	69.883	ng	100
41) Hexachlorocyclopentadiene	8.928	237	732776	82.703	ng	99
43) 2,4,6-Trichlorophenol	9.045	196	818864	76.844	ng	99
44) 2,4,5-Trichlorophenol	9.081	196	942277	75.620	ng	99

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46) 1,1'-Biphenyl	9.239	154	3032161	64.357	ng	99
47) 2-Chloronaphthalene	9.263	162	2367552	67.905	ng	99
48) 2-Nitroaniline	9.351	65	862319	85.494	ng	98
49) Acenaphthylene	9.675	152	3692001	66.392	ng	98
50) Dimethylphthalate	9.545	163	2894850	70.452	ng	100
51) 2,6-Dinitrotoluene	9.598	165	695555	77.208	ng	90
52) Acenaphthene	9.845	154	2446393	68.269	ng	99
53) 3-Nitroaniline	9.769	138	803617	78.389	ng	100
54) 2,4-Dinitrophenol	9.869	184	329865	93.995	ng	89
55) Dibenzofuran	10.022	168	3342982	65.753	ng	99
56) 4-Nitrophenol	9.922	139	613359	80.543	ng	95
57) 2,4-Dinitrotoluene	10.004	165	855009	76.899	ng	98
58) Fluorene	10.363	166	2363094	63.451	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	727782	75.256	ng	100
60) Diethylphthalate	10.239	149	2723034	70.920	ng	99
61) 4-Chlorophenyl-phenyle...	10.351	204	1224342	64.633	ng	95
62) 4-Nitroaniline	10.392	138	777029	78.859	ng	97
63) Azobenzene	10.516	77	2880445	67.160	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	433685	89.097	ng	97
66) n-Nitrosodiphenylamine	10.475	169	2311080	69.817	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	845547	72.854	ng	97
68) Hexachlorobenzene	10.910	284	874325	72.613	ng	99
69) Atrazine	11.004	200	686099	74.155	ng	98
70) Pentachlorophenol	11.092	266	636931	81.973	ng	98
71) Phenanthrene	11.322	178	3613816	66.102	ng	98
72) Anthracene	11.369	178	3727626	66.607	ng	99
73) Carbazole	11.522	167	3366622	69.524	ng	99
74) Di-n-butylphthalate	11.863	149	3917811	75.472	ng	100
75) Fluoranthene	12.504	202	3756827	69.102	ng	99
77) Benzidine	12.621	184	854605	84.458	ng	98
78) Pyrene	12.733	202	3770480	70.988	ng	99
80) Butylbenzylphthalate	13.357	149	1086416	80.828	ng	95
81) Benzo(a)anthracene	13.921	228	3233889	73.205	ng	100
82) 3,3'-Dichlorobenzidine	13.886	252	940132	87.979	ng	99
83) Chrysene	13.957	228	3199224	72.863	ng	98
84) Bis(2-ethylhexyl)phtha...	13.921	149	1527460	90.914	ng	99
85) Di-n-octyl phthalate	14.533	149	3110977	80.245	ng	97
87) Indeno(1,2,3-cd)pyrene	16.762	276	3063456	86.728	ng	99
88) Benzo(b)fluoranthene	14.951	252	2971791	77.177	ng	99
89) Benzo(k)fluoranthene	14.986	252	2965582	77.313	ng	98
90) Benzo(a)pyrene	15.304	252	2788130	79.256	ng	98
91) Dibenzo(a,h)anthracene	16.786	278	2535425	84.242	ng	97
92) Benzo(g,h,i)perylene	17.192	276	2535035	87.971	ng	99

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

