

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
 Data File : BF136223.D
 Acq On : 27 Nov 2023 15:00
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 03:00:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 02:38:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	154005	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	656651	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	332860	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	594728	20.000	ng	0.00
76) Chrysene-d12	13.992	240	268636	20.000	ng	0.00
86) Perylene-d12	15.474	264	263051	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1361037	123.006	ng	0.00
7) Phenol-d6	6.451	99	1674201	121.012	ng	0.00
23) Nitrobenzene-d5	7.381	82	1566813	126.088	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	497978	122.369	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	3138596	120.439	ng	0.00
79) Terphenyl-d14	12.939	244	3033204	130.242	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.604	88	254953	60.897	ng	99
3) Pyridine	3.369	79	628523	60.816	ng	99
4) n-Nitrosodimethylamine	3.351	42	329641	63.100	ng	100
6) Aniline	6.469	93	829113m	63.403	ng	
8) 2-Chlorophenol	6.598	128	735544	61.052	ng	99
10) Phenol	6.469	94	911561	61.415	ng	92
11) bis(2-Chloroethyl)ether	6.557	93	672354	61.748	ng	98
12) 1,3-Dichlorobenzene	6.751	146	846467	61.911	ng	96
13) 1,4-Dichlorobenzene	6.828	146	861536	61.985	ng	97
14) 1,2-Dichlorobenzene	6.981	146	803761	61.084	ng	96
15) Benzyl Alcohol	6.957	79	594044	61.242	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.086	45	897790	59.360	ng	99
17) 2-Methylphenol	7.063	107	582718	61.522	ng	98
18) Hexachloroethane	7.316	117	302412	62.030	ng	97
19) n-Nitroso-di-n-propyla...	7.233	70	507711	61.358	ng	98
20) 3+4-Methylphenols	7.222	107	749596	60.894	ng	93
22) Acetophenone	7.228	105	1070216	62.057	ng	# 93
24) Nitrobenzene	7.398	77	789301	62.679	ng	100
25) Isophorone	7.633	82	1387479	61.923	ng	100
26) 2-Nitrophenol	7.710	139	355391	66.237	ng	95
27) 2,4-Dimethylphenol	7.745	122	439785	62.274	ng	98
28) bis(2-Chloroethoxy)met...	7.845	93	833882	61.527	ng	99
29) 2,4-Dichlorophenol	7.945	162	608250	63.855	ng	95
30) 1,2,4-Trichlorobenzene	8.028	180	735280	63.048	ng	97
31) Naphthalene	8.110	128	2314739	62.715	ng	100
32) Benzoic acid	7.892	122	440163	68.389	ng	94
33) 4-Chloroaniline	8.163	127	741935	59.138	ng	100
34) Hexachlorobutadiene	8.228	225	428402	62.789	ng	99
35) Caprolactam	8.557	113	159197m	59.784	ng	
36) 4-Chloro-3-methylphenol	8.645	107	634602	61.427	ng	99
37) 2-Methylnaphthalene	8.804	142	1407421	60.789	ng	98
38) 1-Methylnaphthalene	8.904	142	1381862	61.183	ng	98
40) 1,2,4,5-Tetrachloroben...	8.969	216	656246	61.949	ng	99
41) Hexachlorocyclopentadiene	8.951	237	272477	66.847	ng	97
43) 2,4,6-Trichlorophenol	9.080	196	430056	62.547	ng	95
44) 2,4,5-Trichlorophenol	9.122	196	468914	62.493	ng	96

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46) 1,1'-Biphenyl	9.269	154	1802558	61.409	ng	99
47) 2-Chloronaphthalene	9.292	162	1418600	62.232	ng	97
48) 2-Nitroaniline	9.392	65	368751	61.960	ng	96
49) Acenaphthylene	9.710	152	1985402	61.032	ng	99
50) Dimethylphthalate	9.580	163	1523677	60.564	ng	99
51) 2,6-Dinitrotoluene	9.639	165	309943	60.304	ng	95
52) Acenaphthene	9.886	154	1243408	60.484	ng	99
53) 3-Nitroaniline	9.810	138	305766	59.957	ng	100
54) 2,4-Dinitrophenol	9.910	184	157470	65.877	ng	99
55) Dibenzofuran	10.057	168	1822340	59.572	ng	100
56) 4-Nitrophenol	9.969	139	242096	62.505	ng	91
57) 2,4-Dinitrotoluene	10.045	165	429278	62.528	ng	95
58) Fluorene	10.398	166	1411738	58.835	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.174	232	363816	60.977	ng	99
60) Diethylphthalate	10.280	149	1506298	59.854	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	681152	58.455	ng	97
62) 4-Nitroaniline	10.427	138	298907	59.879	ng	97
63) Azobenzene	10.557	77	1407813	60.341	ng	97
65) 4,6-Dinitro-2-methylph...	10.451	198	217909	67.002	ng	97
66) n-Nitrosodiphenylamine	10.516	169	1194240	62.660	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	435936	62.829	ng	95
68) Hexachlorobenzene	10.945	284	505315	62.926	ng	# 93
69) Atrazine	11.045	200	343359	60.731	ng	99
70) Pentachlorophenol	11.139	266	290064	63.902	ng	97
71) Phenanthrene	11.363	178	2068395	61.879	ng	99
72) Anthracene	11.416	178	2093559	62.456	ng	99
73) Carbazole	11.574	167	1714977	60.154	ng	99
74) Di-n-butylphthalate	11.910	149	2246861	62.987	ng	100
75) Fluoranthene	12.557	202	1999674	58.929	ng	98
77) Benzidine	12.680	184	273497	61.934	ng	96
78) Pyrene	12.786	202	1980837	67.329	ng	99
80) Butylbenzylphthalate	13.415	149	600060	65.535	ng	99
81) Benzo(a)anthracene	13.980	228	1212464	60.765	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	295570	61.537	ng	98
83) Chrysene	14.021	228	1200623	62.319	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	708074	64.436	ng	98
85) Di-n-octyl phthalate	14.604	149	1146262	62.482	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	1238421	62.147	ng	100
88) Benzo(b)fluoranthene	15.045	252	1111694	60.237	ng	97
89) Benzo(k)fluoranthene	15.074	252	1050117	59.910	ng	98
90) Benzo(a)pyrene	15.415	252	948767	62.887	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	987737	61.765	ng	97
92) Benzo(g,h,i)perylene	17.456	276	1001464	62.637	ng	96

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

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