

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090823\
 Data File : BF135154.D
 Acq On : 08 Sep 2023 19:09
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 09/09/2023

Supervised By :mohammad
 ahmed
 09/10/2023

Quant Time: Sep 09 02:30:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 09 02:14:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	120167	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	461255	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	237622	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	431999	20.000	ng	0.00
76) Chrysene-d12	13.951	240	205297	20.000	ng	0.00
86) Perylene-d12	15.409	264	218114	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	889162	114.509	ng	0.00
7) Phenol-d6	6.422	99	1115727	114.187	ng	0.01
23) Nitrobenzene-d5	7.339	82	1008031	118.960	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	306457	114.686	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1665066	110.033	ng	0.00
79) Terphenyl-d14	12.892	244	1581331	118.606	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.475	88	189828	59.001	ng	99
3) Pyridine	3.222	79	511268	59.920	ng	97
4) n-Nitrosodimethylamine	3.204	42	266943	62.489	ng	100
6) Aniline	6.439	93	675143	56.253	ng	93
8) 2-Chlorophenol	6.557	128	459524	57.338	ng	99
9) Benzaldehyde	6.322	77	290254	52.976	ng	100
10) Phenol	6.434	94	578605	56.597	ng	92
11) bis(2-Chloroethyl)ether	6.516	93	447619	59.126	ng	100
12) 1,3-Dichlorobenzene	6.710	146	470939	57.502	ng	98
13) 1,4-Dichlorobenzene	6.786	146	470890	57.240	ng	98
14) 1,2-Dichlorobenzene	6.939	146	429563	55.782	ng	100
15) Benzyl Alcohol	6.922	79	393633	56.782	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.051	45	707401	57.535	ng	99
17) 2-Methylphenol	7.034	107	407352	57.642	ng	96
18) Hexachloroethane	7.275	117	176173	58.426	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	330270	56.047	ng	96
20) 3+4-Methylphenols	7.186	107	465809	54.703	ng	98
22) Acetophenone	7.186	105	613167	57.632	ng	# 99
24) Nitrobenzene	7.357	77	515264	59.871	ng	100
25) Isophorone	7.598	82	952924	60.212	ng	99
26) 2-Nitrophenol	7.669	139	259362	61.740	ng	98
27) 2,4-Dimethylphenol	7.710	122	377890	56.942	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	547775	59.208	ng	98
29) 2,4-Dichlorophenol	7.910	162	380530	58.788	ng	97
30) 1,2,4-Trichlorobenzene	7.992	180	411363	58.282	ng	99
31) Naphthalene	8.075	128	1307408	57.226	ng	100
32) Benzoic acid	7.869	122	344603m	67.328	ng	
33) 4-Chloroaniline	8.128	127	588555	59.139	ng	99
34) Hexachlorobutadiene	8.186	225	236862	58.311	ng	97
35) Caprolactam	8.522	113	130890m	62.491	ng	
36) 4-Chloro-3-methylphenol	8.616	107	428241	58.915	ng	98
37) 2-Methylnaphthalene	8.763	142	873323	56.344	ng	99
38) 1-Methylnaphthalene	8.863	142	823735	57.376	ng	98
40) 1,2,4,5-Tetrachloroben...	8.927	216	389037	57.715	ng	99
41) Hexachlorocyclopentadiene	8.910	237	161843	58.166	ng	98
43) 2,4,6-Trichlorophenol	9.045	196	263594	58.933	ng	100

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44) 2,4,5-Trichlorophenol	9.086	196	300957	58.158	ng	99
46) 1,1'-Biphenyl	9.227	154	1040428	56.439	ng	99
47) 2-Chloronaphthalene	9.257	162	790203	57.739	ng	99
48) 2-Nitroaniline	9.357	65	292307	60.458	ng	99
49) Acenaphthylene	9.669	152	1185532	56.046	ng	99
50) Dimethylphthalate	9.539	163	993690	58.351	ng	99
51) 2,6-Dinitrotoluene	9.604	165	219907	58.971	ng	98
52) Acenaphthene	9.845	154	777801	58.585	ng	99
53) 3-Nitroaniline	9.774	138	250745	59.685	ng	91
54) 2,4-Dinitrophenol	9.880	184	119350	68.584	ng	98
55) Dibenzofuran	10.016	168	1065505	55.237	ng	100
56) 4-Nitrophenol	9.939	139	173696	62.256	ng	97
57) 2,4-Dinitrotoluene	10.010	165	265668	56.856	ng	90
58) Fluorene	10.357	166	837686	55.343	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.133	232	226055	56.481	ng	98
60) Diethylphthalate	10.239	149	918221	57.440	ng	100
61) 4-Chlorophenyl-phenyle...	10.351	204	410552	55.160	ng	96
62) 4-Nitroaniline	10.392	138	245810	59.858	ng	98
63) Azobenzene	10.516	77	926923	58.404	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	170050	66.765	ng	84
66) n-Nitrosodiphenylamine	10.474	169	779645	57.746	ng	100
67) 4-Bromophenyl-phenylether	10.845	248	268247	58.449	ng	96
68) Hexachlorobenzene	10.904	284	288226	58.612	ng	# 94
69) Atrazine	11.004	200	141615	43.689	ng	98
70) Pentachlorophenol	11.104	266	162669	60.953	ng	97
71) Phenanthrene	11.321	178	1287865	57.068	ng	100
72) Anthracene	11.374	178	1312894	56.989	ng	99
73) Carbazole	11.533	167	1113440	56.852	ng	98
74) Di-n-butylphthalate	11.868	149	1331977	57.079	ng	100
75) Fluoranthene	12.515	202	1249810	56.067	ng	99
77) Benzidine	12.639	184	340117	81.743	ng	99
78) Pyrene	12.745	202	1235642	62.095	ng	98
80) Butylbenzylphthalate	13.374	149	439175	63.165	ng	94
81) Benzo(a)anthracene	13.939	228	816261	58.656	ng	98
82) 3,3'-Dichlorobenzidine	13.904	252	274207	64.556	ng	# 99
83) Chrysene	13.980	228	819145	60.282	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	456115	62.139	ng	100
85) Di-n-octyl phthalate	14.551	149	766510	68.027	ng	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	980471	61.877	ng	100
88) Benzo(b)fluoranthene	14.986	252	798766	60.238	ng	98
89) Benzo(k)fluoranthene	15.015	252	696984m	54.130	ng	
90) Benzo(a)pyrene	15.351	252	735548	59.317	ng	100
91) Dibenzo(a,h)anthracene	16.909	278	797710	61.670	ng	98
92) Benzo(g,h,i)perylene	17.345	276	833135	62.429	ng	98

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

