

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135005.D
 Acq On : 30 Aug 2023 14:50
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/31/2023
 Supervised By :mohammad ahmed 08/31/2023

Quant Time: Aug 31 03:41:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:32:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	164930	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	625927	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	314297	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	552456	20.000	ng	0.00
76) Chrysene-d12	13.963	240	254866	20.000	ng	0.00
86) Perylene-d12	15.433	264	259940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1172992	109.854	ng	0.00
7) Phenol-d6	6.428	99	1448045	108.801	ng	0.01
23) Nitrobenzene-d5	7.351	82	1283938	115.241	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	365461	109.615	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	2031148	105.217	ng	0.00
79) Terphenyl-d14	12.910	244	1873618	119.967	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.493	88	263569	58.273	ng	99
3) Pyridine	3.246	79	715168	58.651	ng	99
4) n-Nitrosodimethylamine	3.228	42	356394	59.766	ng	99
6) Aniline	6.451	93	909189	55.105	ng	99
8) 2-Chlorophenol	6.569	128	602063	55.501	ng	99
9) Benzaldehyde	6.334	77	363717	53.634	ng	97
10) Phenol	6.440	94	750812	53.736	ng	89
11) bis(2-Chloroethyl)ether	6.522	93	593377	56.397	ng	100
12) 1,3-Dichlorobenzene	6.716	146	622343	55.684	ng	98
13) 1,4-Dichlorobenzene	6.793	146	622788	55.676	ng	100
14) 1,2-Dichlorobenzene	6.951	146	564361	54.066	ng	99
15) Benzyl Alcohol	6.928	79	492795	54.045	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	981106	55.683	ng	99
17) 2-Methylphenol	7.040	107	529976	56.065	ng	97
18) Hexachloroethane	7.287	117	232233	56.046	ng	92
19) n-Nitroso-di-n-propyla...	7.204	70	428335	54.182	ng	95
20) 3+4-Methylphenols	7.192	107	582384	52.223	ng	98
22) Acetophenone	7.192	105	768119	55.171	ng	99
24) Nitrobenzene	7.369	77	656591	57.452	ng	99
25) Isophorone	7.604	82	1246226	58.996	ng	99
26) 2-Nitrophenol	7.681	139	342674	60.688	ng	95
27) 2,4-Dimethylphenol	7.716	122	509746	56.073	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	720813	56.567	ng	99
29) 2,4-Dichlorophenol	7.922	162	494678	57.255	ng	98
30) 1,2,4-Trichlorobenzene	7.998	180	542077	58.058	ng	98
31) Naphthalene	8.081	128	1718591	56.207	ng	99
32) Benzoic acid	7.875	122	466181	63.928	ng	98
33) 4-Chloroaniline	8.134	127	768587	57.470	ng	97
34) Hexachlorobutadiene	8.192	225	301328	56.868	ng	97
35) Caprolactam	8.528	113	169679m	59.990	ng	
36) 4-Chloro-3-methylphenol	8.622	107	538311	57.364	ng	97
37) 2-Methylnaphthalene	8.775	142	1121082	54.951	ng	99
38) 1-Methylnaphthalene	8.875	142	1055402	55.288	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	496072	56.382	ng	99
41) Hexachlorocyclopentadiene	8.922	237	238464	63.679	ng	99
43) 2,4,6-Trichlorophenol	9.051	196	343079	58.062	ng	98

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44) 2,4,5-Trichlorophenol	9.098	196	392566	57.385	ng	99
46) 1,1'-Biphenyl	9.239	154	1341721	55.875	ng	99
47) 2-Chloronaphthalene	9.263	162	1014853	56.201	ng	98
48) 2-Nitroaniline	9.363	65	372838	60.315	ng	91
49) Acenaphthylene	9.681	152	1499319	54.926	ng	99
50) Dimethylphthalate	9.551	163	1263158	57.397	ng	99
51) 2,6-Dinitrotoluene	9.616	165	284643	58.945	ng	# 83
52) Acenaphthene	9.851	154	958196	55.083	ng	98
53) 3-Nitroaniline	9.786	138	327654	58.248	ng	92
54) 2,4-Dinitrophenol	9.886	184	163963	71.044	ng	97
55) Dibenzofuran	10.028	168	1327467	52.900	ng	100
56) 4-Nitrophenol	9.945	139	239282	60.514	ng	95
57) 2,4-Dinitrotoluene	10.022	165	336966	55.993	ng	97
58) Fluorene	10.369	166	1015403	53.077	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	294137	55.838	ng	98
60) Diethylphthalate	10.251	149	1152572	55.635	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	497588	52.584	ng	98
62) 4-Nitroaniline	10.404	138	318088	57.791	ng	99
63) Azobenzene	10.528	77	1175663	56.361	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	219546	65.662	ng	86
66) n-Nitrosodiphenylamine	10.486	169	983283	57.242	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	337201	57.546	ng	95
68) Hexachlorobenzene	10.916	284	350498	57.848	ng	94
69) Atrazine	11.016	200	186645	62.066	ng	99
70) Pentachlorophenol	11.110	266	215648	58.830	ng	99
71) Phenanthrene	11.333	178	1588111	55.720	ng	99
72) Anthracene	11.386	178	1604263	55.091	ng	100
73) Carbazole	11.545	167	1399618	55.725	ng	99
74) Di-n-butylphthalate	11.880	149	1681674	55.543	ng	99
75) Fluoranthene	12.527	202	1548968	53.753	ng	99
77) Benzidine	12.651	184	94450	20.558	ng	99
78) Pyrene	12.757	202	1536997	63.516	ng	99
80) Butylbenzylphthalate	13.386	149	556211	63.626	ng	99
81) Benzo(a)anthracene	13.957	228	1001845	57.626	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	279173	53.216	ng	99
83) Chrysene	13.992	228	1005147	58.830	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	542013	59.911	ng	99
85) Di-n-octyl phthalate	14.569	149	902845	65.382	ng	100
87) Indeno(1,2,3-cd)pyrene	16.921	276	1179695	67.377	ng	99
88) Benzo(b)fluoranthene	15.004	252	945575	58.463	ng	99
89) Benzo(k)fluoranthene	15.039	252	837966	53.628	ng	99
90) Benzo(a)pyrene	15.374	252	880425	58.597	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	939695	66.266	ng	99
92) Benzo(g,h,i)perylene	17.374	276	998488	67.700	ng	98

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

Manual Integrations

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