

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041723\
 Data File : BF132887.D
 Acq On : 17 Apr 2023 14:02
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Apr 18 04:41:19 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	6.763	152	307165	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	1202966	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	619274	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	1086191	20.000	ng	0.00
76) Chrysene-d12	13.921	240	738940	20.000	ng	0.00
86) Perylene-d12	15.351	264	733365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	845272	43.030	ng	0.00
7) Phenol-d6	6.386	99	1087581	43.388	ng	-0.01
23) Nitrobenzene-d5	7.328	82	981989	42.550	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	258393	41.600	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	1785644	44.296	ng	0.00
79) Terphenyl-d14	12.874	244	1835522	42.379	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.451	88	201496	21.021	ng	99
3) Pyridine	3.163	79	540927	20.634	ng	99
4) n-Nitrosodimethylamine	3.104	42	259285	20.816	ng	99
6) Aniline	6.428	93	701841	21.113	ng	99
8) 2-Chlorophenol	6.545	128	428379	21.496	ng	98
9) Benzaldehyde	6.310	77	345142	23.271	ng	96
10) Phenol	6.398	94	609703m	21.626	ng	
11) bis(2-Chloroethyl)ether	6.498	93	453146	21.289	ng	98
12) 1,3-Dichlorobenzene	6.704	146	470372	21.474	ng	98
13) 1,4-Dichlorobenzene	6.781	146	472218	21.515	ng	98
14) 1,2-Dichlorobenzene	6.939	146	447715	21.847	ng	97
15) Benzyl Alcohol	6.904	79	371944	21.651	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.045	45	790864	21.473	ng	99
17) 2-Methylphenol	7.016	107	387479	21.228	ng	98
18) Hexachloroethane	7.281	117	161908	21.256	ng	97
19) n-Nitroso-di-n-propyla...	7.181	70	329725	21.074	ng	98
20) 3+4-Methylphenols	7.169	107	485925	22.523	ng	92
22) Acetophenone	7.175	105	613643	21.745	ng	# 97
24) Nitrobenzene	7.345	77	504068	21.309	ng	98
25) Isophorone	7.586	82	899614	20.550	ng	99
26) 2-Nitrophenol	7.663	139	179334	20.096	ng	96
27) 2,4-Dimethylphenol	7.704	122	385197	21.161	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	556831	21.275	ng	100
29) 2,4-Dichlorophenol	7.904	162	360028	21.249	ng	99
30) 1,2,4-Trichlorobenzene	7.992	180	392537	21.457	ng	99
31) Naphthalene	8.075	128	1324356	21.786	ng	98
32) Benzoic acid	7.792	122	156590m	17.244	ng	
33) 4-Chloroaniline	8.116	127	534678	21.475	ng	99
34) Hexachlorobutadiene	8.192	225	222356	21.246	ng	98
35) Caprolactam	8.475	113	103729	20.558	ng	90
36) 4-Chloro-3-methylphenol	8.592	107	375954	21.140	ng	99
37) 2-Methylnaphthalene	8.763	142	910023	21.749	ng	100
38) 1-Methylnaphthalene	8.863	142	847604	21.741	ng	99
40) 1,2,4,5-Tetrachloroben...	8.928	216	371041	21.183	ng	99
41) Hexachlorocyclopentadiene	8.922	237	186335	20.183	ng	100
43) 2,4,6-Trichlorophenol	9.039	196	232299	20.921	ng	97

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44) 2,4,5-Trichlorophenol	9.075	196	276672	21.309	ng	96
46) 1,1'-Biphenyl	9.227	154	1073969	21.876	ng	99
47) 2-Chloronaphthalene	9.251	162	779488	21.456	ng	99
48) 2-Nitroaniline	9.339	65	214890	20.447	ng	98
49) Acenaphthylene	9.663	152	1255808	21.673	ng	99
50) Dimethylphthalate	9.527	163	912529	21.314	ng	99
51) 2,6-Dinitrotoluene	9.586	165	196558	20.939	ng	99
52) Acenaphthene	9.839	154	805252	21.566	ng	100
53) 3-Nitroaniline	9.751	138	223956	20.966	ng	97
54) 2,4-Dinitrophenol	9.851	184	63961	17.491	ng	# 89
55) Dibenzofuran	10.010	168	1147033	21.652	ng	97
56) 4-Nitrophenol	9.898	139	166457	20.978	ng	91
57) 2,4-Dinitrotoluene	9.986	165	243630	21.029	ng	94
58) Fluorene	10.351	166	843743	21.742	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.122	232	210868	20.926	ng	98
60) Diethylphthalate	10.227	149	855628	21.387	ng	100
61) 4-Chlorophenyl-phenyle...	10.345	204	428076	21.688	ng	94
62) 4-Nitroaniline	10.363	138	216197	21.057	ng	99
63) Azobenzene	10.504	77	971164	21.731	ng	98
65) 4,6-Dinitro-2-methylph...	10.392	198	97453	18.734	ng	86
66) n-Nitrosodiphenylamine	10.463	169	745252	21.067	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	261025	21.045	ng	95
68) Hexachlorobenzene	10.898	284	268473	20.864	ng	# 90
69) Atrazine	10.986	200	210995	21.339	ng	99
70) Pentachlorophenol	11.086	266	169631	20.428	ng	97
71) Phenanthrene	11.310	178	1248598	21.371	ng	100
72) Anthracene	11.363	178	1288919	21.551	ng	99
73) Carbazole	11.516	167	1114917	21.544	ng	98
74) Di-n-butylphthalate	11.857	149	1175493	21.189	ng	98
75) Fluoranthene	12.498	202	1241856	21.374	ng	96
77) Benzidine	12.616	184	231008	20.069	ng	99
78) Pyrene	12.721	202	1267241	20.973	ng	99
80) Butylbenzylphthalate	13.351	149	222791	18.779	ng	96
81) Benzo(a)anthracene	13.910	228	1060044	21.094	ng	99
82) 3,3'-Dichlorobenzidine	13.874	252	261205	21.488	ng	96
83) Chrysene	13.945	228	1039368	20.809	ng	100
84) Bis(2-ethylhexyl)phtha...	13.915	149	385246	20.156	ng	# 99
85) Di-n-octyl phthalate	14.527	149	635052	19.637	ng	99
87) Indeno(1,2,3-cd)pyrene	16.745	276	877642	20.944	ng	99
88) Benzo(b)fluoranthene	14.939	252	986948	21.605	ng	99
89) Benzo(k)fluoranthene	14.968	252	905579	19.900	ng	99
90) Benzo(a)pyrene	15.292	252	861276	20.637	ng	99
91) Dibenzo(a,h)anthracene	16.762	278	756568	21.189	ng	99
92) Benzo(g,h,i)perylene	17.162	276	712473	20.841	ng	99

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

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