

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132404.D
 Acq On : 13 Feb 2023 11:49
 Operator : CG\JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/14/2023
 Supervised By : Jagrut Upadhyay 02/14/2023

Quant Time: Feb 14 00:10:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 00:06:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	86393	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	335316	20.000	ng	0.00
39) Acenaphthene-d10	10.084	164	260904	20.000	ng	0.00
64) Phenanthrene-d10	11.578	188	490629	20.000	ng	0.00
76) Chrysene-d12	14.236	240	388610	20.000	ng	0.00
86) Perylene-d12	15.801	264	400068	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	6.637	99	65010	9.811	ng	-0.02
23) Nitrobenzene-d5	7.590	82	55627	9.232	ng	-0.01
42) 2,4,6-Tribromophenol	10.872	330	31388	11.699	ng	0.00
45) 2-Fluorobiphenyl	9.389	172	200435	11.863	ng	0.00
79) Terphenyl-d14	13.166	244	222161	11.059	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.908	88	20350	8.047	ng	97
3) Pyridine	3.707	79	31561m	4.600	ng	
4) n-Nitrosodimethylamine	3.631	42	11205	5.104	ng	# 90
6) Aniline	6.690	93	24933	2.773	ng	97
8) 2-Chlorophenol	6.813	128	29355	5.273	ng	99
9) Benzaldehyde	6.584	77	15068	3.726	ng	86
10) Phenol	6.654	94	32632	4.758	ng	99
11) bis(2-Chloroethyl)ether	6.754	93	38965	6.903	ng	99
12) 1,3-Dichlorobenzene	6.972	146	32360	5.496	ng	98
13) 1,4-Dichlorobenzene	7.048	146	32530	5.535	ng	98
14) 1,2-Dichlorobenzene	7.201	146	30279	5.525	ng	100
15) Benzyl Alcohol	7.160	79	14187	2.934	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.301	45	22729	3.822	ng	97
17) 2-Methylphenol	7.272	107	24605	5.049	ng	96
18) Hexachloroethane	7.548	117	11302	5.126	ng	88
19) n-Nitroso-di-n-propyla...	7.425	70	16610	4.413	ng	98
20) 3+4-Methylphenols	7.419	107	31349	5.041	ng	91
22) Acetophenone	7.431	105	41949	5.320	ng	98
24) Nitrobenzene	7.607	77	26924	4.374	ng	98
25) Isophorone	7.842	82	49196	4.302	ng	97
26) 2-Nitrophenol	7.931	139	13399	4.469	ng	99
27) 2,4-Dimethylphenol	7.954	122	24717	4.709	ng	98
28) bis(2-Chloroethoxy)met...	8.054	93	32522	4.627	ng	99
29) 2,4-Dichlorophenol	8.172	162	23573	5.059	ng	95
30) 1,2,4-Trichlorobenzene	8.254	180	27876	5.586	ng	99
31) Naphthalene	8.337	128	89729	5.436	ng	99
32) Benzoic acid	7.995	122	4084	1.051	ng	# 79
33) 4-Chloroaniline	8.390	127	33474m	4.574	ng	
34) Hexachlorobutadiene	8.454	225	17817	6.351	ng	98
35) Caprolactam	8.713	113	6889	4.337	ng	95
36) 4-Chloro-3-methylphenol	8.860	107	31784	6.331	ng	92
37) 2-Methylnaphthalene	9.031	142	93391	8.353	ng	98
38) 1-Methylnaphthalene	9.131	142	88009	8.471	ng	98
40) 1,2,4,5-Tetrachloroben...	9.195	216	42075	5.731	ng	99
41) Hexachlorocyclopentadiene	9.184	237	19881	4.641	ng	99
43) 2,4,6-Trichlorophenol	9.307	196	26263	5.004	ng	97

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44) 2,4,5-Trichlorophenol	9.348	196	29868	4.944	ng	95
46) 1,1'-Biphenyl	9.495	154	111154	5.526	ng	100
47) 2-Chloronaphthalene	9.525	162	84329	5.505	ng	96
48) 2-Nitroaniline	9.613	65	17160	3.766	ng	93
49) Acenaphthylene	9.942	152	133853	5.353	ng	98
50) Dimethylphthalate	9.784	163	100380	5.500	ng	100
51) 2,6-Dinitrotoluene	9.854	165	19961	4.897	ng	94
52) Acenaphthene	10.113	154	83919	5.361	ng	99
53) 3-Nitroaniline	10.025	138	21522	4.354	ng	92
55) Dibenzofuran	10.289	168	121459	5.522	ng	91
56) 4-Nitrophenol	10.184	139	14671	3.944	ng	93
57) 2,4-Dinitrotoluene	10.254	165	24462	4.620	ng	# 86
58) Fluorene	10.631	166	94805	5.601	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.401	232	23039	5.232	ng	99
60) Diethylphthalate	10.489	149	100233	5.521	ng	97
61) 4-Chlorophenyl-phenyle...	10.619	204	47274	5.885	ng	99
62) 4-Nitroaniline	10.636	138	21250	4.483	ng	97
63) Azobenzene	10.778	77	80595	4.557	ng	96
65) 4,6-Dinitro-2-methylph...	10.666	198	11169	4.011	ng	99
66) n-Nitrosodiphenylamine	10.736	169	82678	5.382	ng	99
67) 4-Bromophenyl-phenylether	11.113	248	28323	5.638	ng	96
68) Hexachlorobenzene	11.183	284	31156	5.802	ng	# 91
69) Atrazine	11.260	200	17043	3.857	ng	96
70) Pentachlorophenol	11.378	266	13676m	3.707	ng	
71) Phenanthrene	11.601	178	140300	5.472	ng	98
72) Anthracene	11.654	178	142636	5.467	ng	98
73) Carbazole	11.807	167	124123	5.306	ng	97
74) Di-n-butylphthalate	12.130	149	146200	5.286	ng	98
75) Fluoranthene	12.801	202	142527	5.448	ng	98
77) Benzidine	12.925	184	17264	1.271	ng	97
78) Pyrene	13.030	202	148475	4.750	ng	99
80) Butylbenzylphthalate	13.642	149	54216	3.926	ng	98
81) Benzo(a)anthracene	14.224	228	135953	5.002	ng	99
82) 3,3'-Dichlorobenzidine	14.183	252	38241	4.417	ng	98
83) Chrysene	14.260	228	134354	5.279	ng	98
84) Bis(2-ethylhexyl)phtha...	14.201	149	80017	4.287	ng	98
85) Di-n-octyl phthalate	14.830	149	121087	3.977	ng	99
87) Indeno(1,2,3-cd)pyrene	17.412	276	125290	4.713	ng	98
88) Benzo(b)fluoranthene	15.330	252	116011	4.562	ng	98
89) Benzo(k)fluoranthene	15.360	252	127889	5.269	ng	99
90) Benzo(a)pyrene	15.730	252	112466	4.749	ng	98
91) Dibenzo(a,h)anthracene	17.430	278	105712	4.946	ng	97
92) Benzo(g,h,i)perylene	17.901	276	102351	4.635	ng	98

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

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