

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132411.D
 Acq On : 13 Feb 2023 15:41
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF021323

Manual Integrations
 APPROVED

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

Quant Time: Feb 14 00:56:12 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 00:51:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	133406	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	482249	20.000	ng	0.00
39) Acenaphthene-d10	10.084	164	242059	20.000	ng	0.00
64) Phenanthrene-d10	11.578	188	458982	20.000	ng	0.00
76) Chrysene-d12	14.242	240	331942	20.000	ng	0.00
86) Perylene-d12	15.807	264	326117	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	627820	85.878	ng	0.00
7) Phenol-d6	6.654	99	759953	83.409	ng	0.00
23) Nitrobenzene-d5	7.601	82	656788	81.247	ng	0.00
42) 2,4,6-Tribromophenol	10.878	330	264834	82.216	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	1295665	77.490	ng	0.00
79) Terphenyl-d14	13.172	244	1504862	76.246	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.908	88	150716	28.058	ng	100
3) Pyridine	3.678	79	440505	45.320	ng	98
4) n-Nitrosodimethylamine	3.643	42	134590	42.407	ng	90
6) Aniline	6.701	93	449821m	45.412	ng	
8) 2-Chlorophenol	6.819	128	354490	40.514	ng	98
9) Benzaldehyde	6.584	77	128194	38.262	ng	98
10) Phenol	6.666	94	390353	41.994	ng	95
11) bis(2-Chloroethyl)ether	6.766	93	367247	39.320	ng	100
12) 1,3-Dichlorobenzene	6.978	146	380743	39.695	ng	99
13) 1,4-Dichlorobenzene	7.054	146	384258	39.914	ng	99
14) 1,2-Dichlorobenzene	7.207	146	357839	39.530	ng	99
15) Benzyl Alcohol	7.172	79	240849	44.297	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.307	45	282664	38.110	ng	97
17) 2-Methylphenol	7.278	107	297115	37.638	ng	98
18) Hexachloroethane	7.548	117	142848	37.402	ng	99
19) n-Nitroso-di-n-propyla...	7.443	70	191009	36.739	ng	99
20) 3+4-Methylphenols	7.431	107	368981	37.201	ng	99
22) Acetophenone	7.443	105	449877	40.017	ng	99
24) Nitrobenzene	7.619	77	326354	40.565	ng	99
25) Isophorone	7.854	82	598943	42.055	ng	100
26) 2-Nitrophenol	7.931	139	195459	44.273	ng	99
27) 2,4-Dimethylphenol	7.960	122	303642m	42.183	ng	
28) bis(2-Chloroethoxy)met...	8.060	93	385142	41.840	ng	99
29) 2,4-Dichlorophenol	8.172	162	295094	41.432	ng	98
30) 1,2,4-Trichlorobenzene	8.260	180	322788	39.904	ng	98
31) Naphthalene	8.342	128	988708	39.114	ng	100
32) Benzoic acid	8.066	122	195753	51.820	ng	99
33) 4-Chloroaniline	8.390	127	315702	33.971	ng	99
34) Hexachlorobutadiene	8.454	225	199862	38.704	ng	97
35) Caprolactam	8.760	113	90534	42.427	ng	97
36) 4-Chloro-3-methylphenol	8.860	107	304790	39.710	ng	100
37) 2-Methylnaphthalene	9.037	142	691223	35.042	ng	98
38) 1-Methylnaphthalene	9.137	142	636697	34.199	ng	99
40) 1,2,4,5-Tetrachloroben...	9.201	216	314342	41.162	ng	99
41) Hexachlorocyclopentadiene	9.184	237	202116	43.471	ng	99
43) 2,4,6-Trichlorophenol	9.307	196	215700	41.593	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.354	196	250272	42.134	ng	100
46) 1,1'-Biphenyl	9.501	154	793527	40.193	ng	100
47) 2-Chloronaphthalene	9.531	162	605786	40.108	ng	99
48) 2-Nitroaniline	9.619	65	150482	42.694	ng	99
49) Acenaphthylene	9.948	152	974709	40.592	ng	100
50) Dimethylphthalate	9.795	163	740910	40.639	ng	100
51) 2,6-Dinitrotoluene	9.860	165	167675	41.922	ng	99
52) Acenaphthene	10.119	154	627665	40.565	ng	99
53) 3-Nitroaniline	10.036	138	187189	42.075	ng	98
54) 2,4-Dinitrophenol	10.136	184	98732	44.396	ng	98
55) Dibenzofuran	10.289	168	871055	40.416	ng	100
56) 4-Nitrophenol	10.184	139	145146	43.770	ng	99
57) 2,4-Dinitrotoluene	10.266	165	224394	42.705	ng	100
58) Fluorene	10.636	166	681424	40.665	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.407	232	190409	41.765	ng	99
60) Diethylphthalate	10.495	149	745286	40.834	ng	98
61) 4-Chlorophenyl-phenyle...	10.625	204	338786	40.243	ng	99
62) 4-Nitroaniline	10.654	138	164770	40.442	ng	97
63) Azobenzene	10.783	77	592080	41.103	ng	99
65) 4,6-Dinitro-2-methylph...	10.678	198	127718	44.759	ng	99
66) n-Nitrosodiphenylamine	10.742	169	593205	40.035	ng	99
67) 4-Bromophenyl-phenylether	11.119	248	217020	40.511	ng	98
68) Hexachlorobenzene	11.183	284	239863	40.481	ng	99
69) Atrazine	11.266	200	180914	43.545	ng	99
70) Pentachlorophenol	11.378	266	154945	43.706	ng	99
71) Phenanthrene	11.607	178	1006150	40.208	ng	100
72) Anthracene	11.660	178	1033707	40.335	ng	99
73) Carbazole	11.813	167	886933	40.328	ng	100
74) Di-n-butylphthalate	12.130	149	1145683	41.483	ng	100
75) Fluoranthene	12.801	202	1052599	42.505	ng	100
77) Benzidine	12.925	184	196396	41.586	ng	98
78) Pyrene	13.036	202	1070585	38.917	ng	99
80) Butylbenzylphthalate	13.642	149	482176	42.286	ng	99
81) Benzo(a)anthracene	14.230	228	971802	40.240	ng	98
82) 3,3'-Dichlorobenzidine	14.189	252	272039	40.732	ng	99
83) Chrysene	14.271	228	916390	40.212	ng	99
84) Bis(2-ethylhexyl)phtha...	14.201	149	661089	41.220	ng	99
85) Di-n-octyl phthalate	14.830	149	1052925	41.156	ng	100
87) Indeno(1,2,3-cd)pyrene	17.430	276	916517	39.539	ng	100
88) Benzo(b)fluoranthene	15.336	252	892035	42.133	ng	100
89) Benzo(k)fluoranthene	15.371	252	850522	40.385	ng	100
90) Benzo(a)pyrene	15.742	252	816937	41.085	ng	99
91) Dibenzo(a,h)anthracene	17.448	278	759289	39.330	ng	99
92) Benzo(g,h,i)perylene	17.930	276	763151	40.132	ng	97

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

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