

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
 Data File : BF142298.D
 Acq On : 05 May 2025 15:21
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: May 05 17:58:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 17:44:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	216286	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	842039	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	449427	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	788283	20.000	ng	0.00
76) Chrysene-d12	14.069	240	473278	20.000	ng	0.00
86) Perylene-d12	15.563	264	392077	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	524001	41.358	ng	0.00
7) Phenol-d6	6.516	99	644227	41.341	ng	0.00
23) Nitrobenzene-d5	7.463	82	565303	40.944	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	178075	41.039	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1377117	43.691	ng	0.00
79) Terphenyl-d14	13.016	244	1382069	43.222	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.687	88	115676	20.274	ng 99
3) Pyridine	3.452	79	261665	19.504	ng 99
4) n-Nitrosodimethylamine	3.393	42	157578	20.240	ng 96
6) Aniline	6.563	93	339232	22.194	ng 100
8) 2-Chlorophenol	6.687	128	273145	20.174	ng 99
9) Benzaldehyde	6.451	77	195344	21.418	ng 98
10) Phenol	6.534	94	342565	20.739	ng 99
11) bis(2-Chloroethyl)ether	6.634	93	326537	20.046	ng 99
12) 1,3-Dichlorobenzene	6.845	146	317103	20.472	ng 99
13) 1,4-Dichlorobenzene	6.922	146	321447	20.669	ng 99
14) 1,2-Dichlorobenzene	7.075	146	306024	20.500	ng 99
15) Benzyl Alcohol	7.040	79	201768	19.996	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	502839	20.672	ng 100
17) 2-Methylphenol	7.145	107	221049	20.166	ng 98
18) Hexachloroethane	7.422	117	105630	20.413	ng 99
19) n-Nitroso-di-n-propyla...	7.310	70	198554	20.599	ng 99
20) 3+4-Methylphenols	7.298	107	285863	20.896	ng 96
22) Acetophenone	7.310	105	390755	20.871	ng 99
24) Nitrobenzene	7.481	77	266464	20.474	ng 99
25) Isophorone	7.722	82	530519	20.291	ng 100
26) 2-Nitrophenol	7.798	139	101497	18.889	ng 97
27) 2,4-Dimethylphenol	7.828	122	270038	20.543	ng 100
28) bis(2-Chloroethoxy)met...	7.934	93	351686	20.919	ng 99
29) 2,4-Dichlorophenol	8.040	162	233840	20.924	ng 99
30) 1,2,4-Trichlorobenzene	8.128	180	260029	20.674	ng 99
31) Naphthalene	8.210	128	865551	21.209	ng 99
32) Benzoic acid	7.910	122	98814m	19.691	ng
33) 4-Chloroaniline	8.257	127	335192m	20.165	ng
34) Hexachlorobutadiene	8.328	225	152292	20.449	ng 99
35) Caprolactam	8.604	113	65889	20.272	ng 99
36) 4-Chloro-3-methylphenol	8.722	107	238603	20.539	ng 99
37) 2-Methylnaphthalene	8.898	142	534930	21.095	ng 100
38) 1-Methylnaphthalene	8.998	142	559888	21.183	ng 99
40) 1,2,4,5-Tetrachloroben...	9.063	216	263169	20.966	ng 99
41) Hexachlorocyclopentadiene	9.051	237	156699	20.200	ng 99
43) 2,4,6-Trichlorophenol	9.169	196	161721	20.426	ng 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	175468	20.829	ng	99
46) 1,1'-Biphenyl	9.363	154	735501	21.344	ng	98
47) 2-Chloronaphthalene	9.386	162	536203	20.924	ng	100
48) 2-Nitroaniline	9.481	65	131275	19.985	ng	99
49) Acenaphthylene	9.804	152	902949	21.063	ng	99
50) Dimethylphthalate	9.657	163	604026	20.930	ng	99
51) 2,6-Dinitrotoluene	9.722	165	108919	20.163	ng	98
52) Acenaphthene	9.975	154	539391	20.925	ng	99
53) 3-Nitroaniline	9.886	138	129439	20.431	ng	98
54) 2,4-Dinitrophenol	9.986	184	37439	19.641	ng	# 1
55) Dibenzofuran	10.145	168	809325	21.274	ng	100
56) 4-Nitrophenol	10.034	139	94419	19.802	ng	98
57) 2,4-Dinitrotoluene	10.122	165	136138	19.647	ng	98
58) Fluorene	10.492	166	617592	21.273	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	143706	20.664	ng	99
60) Diethylphthalate	10.357	149	609078	21.134	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	295765	21.116	ng	97
62) 4-Nitroaniline	10.498	138	111613	22.228	ng	98
63) Azobenzene	10.639	77	577345	20.964	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	53454	19.555	ng	98
66) n-Nitrosodiphenylamine	10.598	169	545886	20.811	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	182781	20.459	ng	98
68) Hexachlorobenzene	11.039	284	199561	20.307	ng	97
69) Atrazine	11.122	200	138860	20.082	ng	99
70) Pentachlorophenol	11.228	266	102593	19.845	ng	97
71) Phenanthrene	11.451	178	871138	21.083	ng	99
72) Anthracene	11.504	178	893968	21.056	ng	99
73) Carbazole	11.657	167	807082	21.189	ng	99
74) Di-n-butylphthalate	11.992	149	852839	21.293	ng	99
75) Fluoranthene	12.639	202	888973	21.523	ng	99
77) Benzidine	12.763	184	181563	21.110	ng	99
78) Pyrene	12.869	202	900375	21.373	ng	99
80) Butylbenzylphthalate	13.492	149	207602	19.258	ng	99
81) Benzo(a)anthracene	14.057	228	623286	20.336	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	149520	20.978	ng	98
83) Chrysene	14.092	228	589961	20.676	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	263391	19.237	ng	98
85) Di-n-octyl phthalate	14.668	149	405073	19.581	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	556960	20.421	ng	99
88) Benzo(b)fluoranthene	15.116	252	481134	20.261	ng	100
89) Benzo(k)fluoranthene	15.151	252	456264	20.996	ng	100
90) Benzo(a)pyrene	15.492	252	432151	20.308	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	468301	20.783	ng	99
92) Benzo(g,h,i)perylene	17.515	276	460655	20.598	ng	99

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

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