

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
 Data File : BF142297.D
 Acq On : 05 May 2025 14:52
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/06/2025
 Supervised By :Jagrut Upadhyay 05/06/2025

Quant Time: May 05 17:57:33 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	212907	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	834027	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	451658	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	799418	20.000	ng	0.00
76) Chrysene-d12	14.069	240	531922	20.000	ng	0.00
86) Perylene-d12	15.563	264	390300	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	250509	20.086	ng	0.00
7) Phenol-d6	6.516	99	310470	20.240	ng	0.00
23) Nitrobenzene-d5	7.463	82	253451	18.533	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	79570	18.247	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	725000	22.888	ng	0.00
79) Terphenyl-d14	13.010	244	757212	21.070	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	56091	9.987	ng	98
3) Pyridine	3.457	79	131287	9.941	ng	99
4) n-Nitrosodimethylamine	3.387	42	75254	9.819	ng	# 98
6) Aniline	6.563	93	145801	9.690	ng	99
8) 2-Chlorophenol	6.681	128	130151	9.765	ng	98
9) Benzaldehyde	6.451	77	102088	11.371	ng	100
10) Phenol	6.528	94	162652	10.003	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	164226m	10.242	ng	
12) 1,3-Dichlorobenzene	6.845	146	160179	10.505	ng	99
13) 1,4-Dichlorobenzene	6.922	146	159624	10.427	ng	99
14) 1,2-Dichlorobenzene	7.075	146	152479	10.376	ng	99
15) Benzyl Alcohol	7.034	79	89790	9.040	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	245918	10.270	ng	99
17) 2-Methylphenol	7.145	107	107331	9.947	ng	98
18) Hexachloroethane	7.422	117	49420	9.702	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	97394	10.264	ng	95
20) 3+4-Methylphenols	7.293	107	136376	10.127	ng	# 88
22) Acetophenone	7.304	105	197710	10.662	ng	96
24) Nitrobenzene	7.481	77	122267	9.485	ng	99
25) Isophorone	7.716	82	259962	10.039	ng	98
26) 2-Nitrophenol	7.798	139	40609	10.066	ng	99
27) 2,4-Dimethylphenol	7.828	122	131079	10.068	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	172734	10.373	ng	99
29) 2,4-Dichlorophenol	8.034	162	104807	9.468	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	129041	10.358	ng	98
31) Naphthalene	8.210	128	429996	10.638	ng	99
32) Benzoic acid	7.881	122	35000m	11.080	ng	
33) 4-Chloroaniline	8.257	127	155389m	9.438	ng	
34) Hexachlorobutadiene	8.328	225	75921	10.292	ng	99
35) Caprolactam	8.587	113	28438	8.834	ng	97
36) 4-Chloro-3-methylphenol	8.722	107	112762	9.800	ng	99
37) 2-Methylnaphthalene	8.898	142	265328	10.564	ng	100
38) 1-Methylnaphthalene	8.998	142	281289	10.745	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	132346	10.492	ng	99
41) Hexachlorocyclopentadiene	9.051	237	68324	8.764	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	72234	9.078	ng	99

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44) 2,4,5-Trichlorophenol	9.204	196	79827	9.429	ng	97
46) 1,1'-Biphenyl	9.363	154	370629	10.702	ng	98
47) 2-Chloronaphthalene	9.386	162	270501	10.503	ng	98
48) 2-Nitroaniline	9.475	65	54180	8.208	ng	97
49) Acenaphthylene	9.804	152	457356	10.616	ng	99
50) Dimethylphthalate	9.657	163	292351	10.080	ng	99
51) 2,6-Dinitrotoluene	9.716	165	46421	8.551	ng	99
52) Acenaphthene	9.975	154	268993	10.384	ng	99
53) 3-Nitroaniline	9.886	138	53755	8.443	ng	# 99
54) 2,4-Dinitrophenol	9.986	184	14043	12.133	ng	# 1
55) Dibenzofuran	10.145	168	404214	10.573	ng	99
56) 4-Nitrophenol	10.028	139	40283	8.407	ng	98
57) 2,4-Dinitrotoluene	10.116	165	56545	8.120	ng	94
58) Fluorene	10.486	166	317792	10.892	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	65106	9.316	ng	99
60) Diethylphthalate	10.357	149	299154	10.329	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	150371	10.683	ng	97
62) 4-Nitroaniline	10.492	138	51843	10.274	ng	96
63) Azobenzene	10.639	77	287064	10.372	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	20774	11.925	ng	94
66) n-Nitrosodiphenylamine	10.598	169	273145	10.268	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	90669	10.008	ng	96
68) Hexachlorobenzene	11.033	284	98422	9.876	ng	98
69) Atrazine	11.122	200	65913	9.400	ng	99
70) Pentachlorophenol	11.228	266	43524	8.302	ng	99
71) Phenanthrene	11.451	178	440505	10.512	ng	99
72) Anthracene	11.504	178	454013	10.545	ng	99
73) Carbazole	11.657	167	406007	10.511	ng	99
74) Di-n-butylphthalate	11.992	149	408614	10.060	ng	99
75) Fluoranthene	12.639	202	461212	11.011	ng	99
77) Benzidine	12.763	184	72321	7.482	ng	99
78) Pyrene	12.869	202	464898	9.819	ng	100
80) Butylbenzylphthalate	13.492	149	87770	9.527	ng	99
81) Benzo(a)anthracene	14.057	228	345605	10.033	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	74238	9.267	ng	99
83) Chrysene	14.092	228	326300	10.175	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	111032	9.863	ng	98
85) Di-n-octyl phthalate	14.669	149	155899	11.860	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	250070	9.211	ng	100
88) Benzo(b)fluoranthene	15.116	252	237339	10.040	ng	100
89) Benzo(k)fluoranthene	15.145	252	222898	10.304	ng	99
90) Benzo(a)pyrene	15.492	252	203272	9.596	ng	98
91) Dibenzo(a,h)anthracene	17.080	278	207967	9.272	ng	99
92) Benzo(g,h,i)perylene	17.509	276	206052	9.256	ng	99

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

