

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
 Data File : BF143590.D
 Acq On : 26 Aug 2025 11:35
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/27/2025
 Supervised By :Jagrut Upadhyay 08/27/2025

Quant Time: Aug 26 16:14:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 26 14:38:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	160488	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	606898	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	327641	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	505352	20.000	ng	0.00
76) Chrysene-d12	14.057	240	266551	20.000	ng	0.00
86) Perylene-d12	15.527	264	332150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	893867	94.795	ng	0.00
7) Phenol-d6	6.516	99	1101697	94.331	ng	0.00
23) Nitrobenzene-d5	7.457	82	909639	107.018	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	266314	103.939	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1705535	89.002	ng	0.00
79) Terphenyl-d14	13.004	244	1439694	96.924	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	218885	47.449	ng	99
3) Pyridine	3.440	79	598037	51.627	ng	99
4) n-Nitrosodimethylamine	3.399	42	276710	50.200	ng	100
6) Aniline	6.557	93	790445	48.480	ng	100
8) 2-Chlorophenol	6.675	128	484279	48.543	ng	100
9) Benzaldehyde	6.445	77	405832	46.181	ng	99
10) Phenol	6.528	94	625089m	47.720	ng	
11) bis(2-Chloroethyl)ether	6.634	93	464124	46.240	ng	100
12) 1,3-Dichlorobenzene	6.834	146	537267	46.884	ng	99
13) 1,4-Dichlorobenzene	6.910	146	533010	46.128	ng	99
14) 1,2-Dichlorobenzene	7.063	146	513749	46.873	ng	99
15) Benzyl Alcohol	7.034	79	431070	49.249	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	850661	45.913	ng	98
17) 2-Methylphenol	7.140	107	408163	48.195	ng	100
18) Hexachloroethane	7.410	117	180037	49.036	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	345157	46.651	ng	99
20) 3+4-Methylphenols	7.298	107	492496	47.347	ng	# 88
22) Acetophenone	7.304	105	634514	46.424	ng	# 96
24) Nitrobenzene	7.481	77	498416	54.694	ng	98
25) Isophorone	7.722	82	952543	47.887	ng	99
26) 2-Nitrophenol	7.792	139	196734	51.520	ng	99
27) 2,4-Dimethylphenol	7.822	122	428136	49.469	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	571397	47.480	ng	100
29) 2,4-Dichlorophenol	8.028	162	414083	49.659	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	417445	47.948	ng	100
31) Naphthalene	8.198	128	1364825	46.546	ng	100
32) Benzoic acid	7.940	122	227931	50.621	ng	98
33) 4-Chloroaniline	8.245	127	492740	47.567	ng	99
34) Hexachlorobutadiene	8.316	225	259975	47.388	ng	100
35) Caprolactam	8.628	113	119937	50.629	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	429718	49.292	ng	98
37) 2-Methylnaphthalene	8.887	142	889148	45.917	ng	100
38) 1-Methylnaphthalene	8.986	142	858840	45.955	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	407732	47.844	ng	98
41) Hexachlorocyclopentadiene	9.039	237	223212	53.241	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	294037	52.214	ng	99

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44) 2,4,5-Trichlorophenol	9.198	196	291380	51.205	ng	99
46) 1,1'-Biphenyl	9.351	154	1050153	46.193	ng	99
47) 2-Chloronaphthalene	9.381	162	847842	47.211	ng	99
48) 2-Nitroaniline	9.469	65	251847	50.267	ng	99
49) Acenaphthylene	9.792	152	1219532	46.673	ng	100
50) Dimethylphthalate	9.651	163	966360	47.951	ng	99
51) 2,6-Dinitrotoluene	9.710	165	170353	50.095	ng	99
52) Acenaphthene	9.963	154	793413	46.356	ng	99
53) 3-Nitroaniline	9.881	138	201198	50.142	ng	99
54) 2,4-Dinitrophenol	9.981	184	53928	51.178	ng	89
55) Dibenzofuran	10.139	168	1167014	46.506	ng	98
56) 4-Nitrophenol	10.028	139	164759	49.650	ng	100
57) 2,4-Dinitrotoluene	10.110	165	226076	50.572	ng	99
58) Fluorene	10.481	166	847912	45.004	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	226907	53.935	ng	99
60) Diethylphthalate	10.351	149	898948	47.598	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	421624	45.758	ng	97
62) 4-Nitroaniline	10.492	138	187927	50.005	ng	99
63) Azobenzene	10.633	77	910084	47.527	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	89281	51.344	ng	97
66) n-Nitrosodiphenylamine	10.592	169	755634	47.009	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	262828	48.083	ng	99
68) Hexachlorobenzene	11.028	284	277692	47.494	ng	99
69) Atrazine	11.116	200	230238	49.829	ng	100
70) Pentachlorophenol	11.216	266	177401	53.106	ng	99
71) Phenanthrene	11.439	178	1257113	46.461	ng	100
72) Anthracene	11.492	178	1260551	46.229	ng	100
73) Carbazole	11.645	167	1080574	45.845	ng	100
74) Di-n-butylphthalate	11.980	149	1168015	48.652	ng	100
75) Fluoranthene	12.627	202	1088814	44.072	ng	99
77) Benzidine	12.745	184	237573	37.629	ng	100
78) Pyrene	12.857	202	1124413	50.405	ng	100
80) Butylbenzylphthalate	13.474	149	303475	48.160	ng	99
81) Benzo(a)anthracene	14.045	228	810442	48.328	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	226287	50.330	ng	98
83) Chrysene	14.080	228	752062	48.122	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	386823	47.451	ng	99
85) Di-n-octyl phthalate	14.651	149	751428	49.140	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	1163383	51.481	ng	99
88) Benzo(b)fluoranthene	15.098	252	836795	44.093	ng	100
89) Benzo(k)fluoranthene	15.127	252	853238	48.085	ng	100
90) Benzo(a)pyrene	15.468	252	820860	48.954	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	935510	50.581	ng	100
92) Benzo(g,h,i)perylene	17.492	276	953242	52.059	ng	99

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

