

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143419.D
 Acq On : 15 Aug 2025 15:58
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/18/2025

Supervised By :Jagrut Upadhyay 08/18/2025

Quant Time: Aug 15 18:26:53 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 15 18:23:08 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	131465	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	508953	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	281751	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	446308	20.000	ng	0.00
76) Chrysene-d12	14.086	240	237684	20.000	ng	0.00
86) Perylene-d12	15.574	264	269028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	322905	42.697	ng	0.00
7) Phenol-d6	6.557	99	403785	42.366	ng	0.00
23) Nitrobenzene-d5	7.481	82	358277	41.772	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	104587	41.705	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	727542	43.433	ng	0.00
79) Terphenyl-d14	13.027	244	631704	44.646	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	74627	20.500	ng	99
3) Pyridine	3.516	79	195638	20.491	ng	99
4) n-Nitrosodimethylamine	3.440	42	88004	19.831	ng	97
6) Aniline	6.587	93	274228	21.194	ng	98
8) 2-Chlorophenol	6.716	128	177182	21.221	ng	98
9) Benzaldehyde	6.475	77	140473	27.706	ng	99
10) Phenol	6.569	94	239446	21.530	ng	92
11) bis(2-Chloroethyl)ether	6.657	93	171939	20.856	ng	98
12) 1,3-Dichlorobenzene	6.869	146	197517	21.118	ng	99
13) 1,4-Dichlorobenzene	6.946	146	196309	21.024	ng	99
14) 1,2-Dichlorobenzene	7.098	146	188077	21.088	ng	100
15) Benzyl Alcohol	7.063	79	145881	20.755	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.193	45	301172	21.369	ng	99
17) 2-Methylphenol	7.175	107	141953	20.838	ng	98
18) Hexachloroethane	7.440	117	67502	21.238	ng	99
19) n-Nitroso-di-n-propyla...	7.328	70	123829	20.987	ng	98
20) 3+4-Methylphenols	7.328	107	182897	22.454	ng	98
22) Acetophenone	7.328	105	234922	21.468	ng	99
24) Nitrobenzene	7.504	77	189535	21.143	ng	99
25) Isophorone	7.740	82	341350	20.794	ng	100
26) 2-Nitrophenol	7.822	139	86694	20.862	ng	99
27) 2,4-Dimethylphenol	7.857	122	153145	21.796	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	210282	20.840	ng	100
29) 2,4-Dichlorophenol	8.069	162	153094	21.374	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	154544	21.058	ng	98
31) Naphthalene	8.228	128	515775	21.346	ng	100
32) Benzoic acid	7.957	122	71922m	19.776	ng	
33) 4-Chloroaniline	8.275	127	184406	21.143	ng	99
34) Hexachlorobutadiene	8.351	225	97824	20.903	ng	99
35) Caprolactam	8.622	113	42831	20.770	ng	97
36) 4-Chloro-3-methylphenol	8.757	107	153403	20.795	ng	98
37) 2-Methylnaphthalene	8.922	142	349766	21.475	ng	100
38) 1-Methylnaphthalene	9.022	142	337056	21.600	ng	100
40) 1,2,4,5-Tetrachloroben...	9.087	216	164739	20.965	ng	99
41) Hexachlorocyclopentadiene	9.075	237	39498	19.242	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	102250	20.860	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	111266	21.177	ng	98
46) 1,1'-Biphenyl	9.381	154	423276	21.382	ng	99
47) 2-Chloronaphthalene	9.410	162	332051	21.249	ng	98
48) 2-Nitroaniline	9.498	65	96534	20.759	ng	100
49) Acenaphthylene	9.822	152	480293	21.288	ng	99
50) Dimethylphthalate	9.675	163	367621	20.928	ng	99
51) 2,6-Dinitrotoluene	9.734	165	72730	21.003	ng	99
52) Acenaphthene	9.992	154	322026	21.221	ng	100
53) 3-Nitroaniline	9.910	138	79853	20.702	ng	99
54) 2,4-Dinitrophenol	10.022	184	24644	19.975	ng	97
55) Dibenzofuran	10.169	168	468229	21.390	ng	99
56) 4-Nitrophenol	10.075	139	47964	19.778	ng	98
57) 2,4-Dinitrotoluene	10.139	165	97735	21.170	ng	97
58) Fluorene	10.510	166	362746	21.570	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	82552	20.756	ng	96
60) Diethylphthalate	10.375	149	342918	21.125	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	175302	21.084	ng	99
62) 4-Nitroaniline	10.516	138	76220	21.129	ng	99
63) Azobenzene	10.657	77	346304	21.108	ng	98
65) 4,6-Dinitro-2-methylph...	10.551	198	43027	18.685	ng	96
66) n-Nitrosodiphenylamine	10.616	169	301902	20.804	ng	99
67) 4-Bromophenyl-phenylether	10.986	248	108605	20.607	ng	96
68) Hexachlorobenzene	11.063	284	115655	20.642	ng	99
69) Atrazine	11.139	200	87958	20.722	ng	98
70) Pentachlorophenol	11.257	266	47465	19.081	ng	98
71) Phenanthrene	11.475	178	505004	20.895	ng	100
72) Anthracene	11.522	178	520546	21.325	ng	100
73) Carbazole	11.675	167	435759	21.107	ng	100
74) Di-n-butylphthalate	12.004	149	433056	21.064	ng	100
75) Fluoranthene	12.657	202	458001	21.327	ng	99
77) Benzidine	12.775	184	178128	26.473	ng	99
78) Pyrene	12.886	202	463473	22.435	ng	99
80) Butylbenzylphthalate	13.498	149	105931	20.702	ng	99
81) Benzo(a)anthracene	14.074	228	313332	20.706	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	90692	20.470	ng	98
83) Chrysene	14.110	228	294690	21.065	ng	98
84) Bis(2-ethylhexyl)phtha...	14.057	149	148211	20.395	ng	99
85) Di-n-octyl phthalate	14.669	149	287456	19.503	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	422226	20.929	ng	99
88) Benzo(b)fluoranthene	15.133	252	311415	21.598	ng	99
89) Benzo(k)fluoranthene	15.163	252	274840	19.326	ng	99
90) Benzo(a)pyrene	15.510	252	283654	20.655	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	343124	21.179	ng	99
92) Benzo(g,h,i)perylene	17.545	276	338060	20.888	ng	100

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

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