

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143794.D
 Acq On : 23 Sep 2025 12:27
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:06:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	123560	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	446120	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	213356	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	331910	20.000	ng	0.00
76) Chrysene-d12	14.057	240	394143	20.000	ng	0.00
86) Perylene-d12	15.533	264	545751	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	327687	42.681	ng	-0.01
7) Phenol-d6	6.498	99	377986	41.720	ng	-0.01
23) Nitrobenzene-d5	7.445	82	302138	42.621	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	138317	45.426	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	622849	43.140	ng	0.00
79) Terphenyl-d14	12.998	244	798420	39.771	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	73941	20.313	ng	99
3) Pyridine	3.399	79	200605	20.416	ng	98
4) n-Nitrosodimethylamine	3.328	42	100296	20.357	ng	98
6) Aniline	6.545	93	266602	20.904	ng	99
8) 2-Chlorophenol	6.663	128	164198	21.090	ng	98
9) Benzaldehyde	6.434	77	117654	15.290	ng	99
10) Phenol	6.510	94	214576m	21.008	ng	
11) bis(2-Chloroethyl)ether	6.616	93	166393	20.783	ng	99
12) 1,3-Dichlorobenzene	6.828	146	192258	21.268	ng	99
13) 1,4-Dichlorobenzene	6.904	146	191454	21.223	ng	100
14) 1,2-Dichlorobenzene	7.057	146	181008	21.185	ng	99
15) Benzyl Alcohol	7.016	79	132713	20.902	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	398403	20.985	ng	100
17) 2-Methylphenol	7.128	107	124617	20.674	ng	99
18) Hexachloroethane	7.398	117	67048	21.134	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	114449	20.254	ng	100
20) 3+4-Methylphenols	7.281	107	155211	21.145	ng	# 86
22) Acetophenone	7.293	105	208896	21.319	ng	97
24) Nitrobenzene	7.463	77	164815	20.402	ng	97
25) Isophorone	7.698	82	289674	20.396	ng	99
26) 2-Nitrophenol	7.781	139	55948	18.629	ng	97
27) 2,4-Dimethylphenol	7.810	122	129731	20.437	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	191947	20.802	ng	100
29) 2,4-Dichlorophenol	8.016	162	128651	20.597	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	135810	20.952	ng	99
31) Naphthalene	8.187	128	455060	21.308	ng	100
32) Benzoic acid	7.875	122	40592	13.254	ng	97
33) 4-Chloroaniline	8.234	127	157439	20.978	ng	99
34) Hexachlorobutadiene	8.310	225	99520	20.595	ng	99
35) Caprolactam	8.575	113	30948	19.385	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	121067	20.667	ng	97
37) 2-Methylnaphthalene	8.881	142	286790	21.060	ng	98
38) 1-Methylnaphthalene	8.981	142	272276	20.889	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	135689	21.074	ng	99
41) Hexachlorocyclopentadiene	9.034	237	79092	19.382	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	82341	20.423	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	89458	21.213	ng	97
46) 1,1'-Biphenyl	9.345	154	333743	21.610	ng	98
47) 2-Chloronaphthalene	9.369	162	265169	21.330	ng	99
48) 2-Nitroaniline	9.457	65	75737	20.157	ng	95
49) Acenaphthylene	9.781	152	362739	21.195	ng	99
50) Dimethylphthalate	9.634	163	267211	20.548	ng	99
51) 2,6-Dinitrotoluene	9.698	165	42291	19.794	ng	93
52) Acenaphthene	9.957	154	239533	21.268	ng	99
53) 3-Nitroaniline	9.869	138	52183	20.150	ng	96
54) 2,4-Dinitrophenol	9.969	184	8519	16.759	ng	# 1
55) Dibenzofuran	10.128	168	339308	21.305	ng	99
56) 4-Nitrophenol	10.016	139	36150	17.322	ng	98
57) 2,4-Dinitrotoluene	10.098	165	54137	18.952	ng	93
58) Fluorene	10.469	166	253897	21.445	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	74485	20.618	ng	# 98
60) Diethylphthalate	10.339	149	250459	20.575	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	128143	21.242	ng	99
62) 4-Nitroaniline	10.475	138	48558	19.941	ng	98
63) Azobenzene	10.622	77	265823	20.720	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	15499	17.632	ng	94
66) n-Nitrosodiphenylamine	10.581	169	228456	20.930	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	115749	20.464	ng	99
68) Hexachlorobenzene	11.022	284	162113	20.797	ng	98
69) Atrazine	11.104	200	65580	20.747	ng	98
70) Pentachlorophenol	11.210	266	71585	18.449	ng	99
71) Phenanthrene	11.433	178	355364	20.854	ng	100
72) Anthracene	11.486	178	361245	21.135	ng	99
73) Carbazole	11.639	167	314908	21.072	ng	99
74) Di-n-butylphthalate	11.975	149	356883	20.764	ng	99
75) Fluoranthene	12.627	202	364772	21.284	ng	99
77) Benzidine	12.745	184	174994	18.220	ng	100
78) Pyrene	12.857	202	390517	20.153	ng	99
80) Butylbenzylphthalate	13.474	149	131846	19.666	ng	99
81) Benzo(a)anthracene	14.045	228	426715	20.153	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	183227	19.974	ng	100
83) Chrysene	14.080	228	392431	20.482	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	202632	20.620	ng	99
85) Di-n-octyl phthalate	14.651	149	345757	19.397	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	862284	20.824	ng	100
88) Benzo(b)fluoranthene	15.098	252	561825	20.215	ng	99
89) Benzo(k)fluoranthene	15.127	252	589201	21.102	ng	99
90) Benzo(a)pyrene	15.468	252	539579	20.654	ng	100
91) Dibenzo(a,h)anthracene	17.045	278	710542	20.980	ng	99
92) Benzo(g,h,i)perylene	17.474	276	673228	20.621	ng	99

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

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