Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143796.D
Acq On : 23 Sep 2025 14:28
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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

Quant Time: Sep 23 17:06:47 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	138683	20.000 ng	0.00
21) Naphthalene-d8	8.169	136	501953	20.000 ng	0.00
39) Acenaphthene-d10	9.928	164	251921	20.000 ng	0.00
64) Phenanthrene-d10	11.416	188	388493	20.000 ng	0.00
76) Chrysene-d12	14.057	240	388120	20.000 ng	0.00
86) Perylene-d12	15.533	264	541272	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.493	112	801520	93.013 ng	0.00
7) Phenol-d6	6.504	99	926468	91.106 ng	0.00
23) Nitrobenzene-d5	7.451	82	808554	101.372 ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	354459	98.591 ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1453709	85.274 ng	0.00
79) Terphenyl-d14	12.998	244	1903421	96.285 ng	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	2.646	88	193379	47.331 ng	98
3) Pyridine	3.410	79	532244	48.261 ng	100
4) n-Nitrosodimethylamine	3.357	42	268794	48.607 ng	99
6) Aniline	6.545	93	672706	46.995 ng	99
8) 2-Chlorophenol	6.669	128	419160	47.967 ng	100
9) Benzaldehyde	6.440	77	459911	53.250 ng	98
10) Phenol	6.522	94	531938m	46.401 ng	
11) bis(2-Chloroethyl)ether	6.622	93	423912	47.173 ng	100
12) 1,3-Dichlorobenzene	6.828	146	466330	45.962 ng	98
13) 1,4-Dichlorobenzene	6.904	146	464335	45.859 ng	99
14) 1,2-Dichlorobenzene	7.057	146	442761	46.170 ng	99
15) Benzyl Alcohol	7.022	79	348008	48.833 ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1004151	47.124 ng	99
17) 2-Methylphenol	7.128	107	325304	48.084 ng	99
18) Hexachloroethane	7.404	117	167022	46.905 ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	292083	46.054 ng	98
20) 3+4-Methylphenols	7.287	107	394272	47.855 ng	# 90
22) Acetophenone	7.298	105	503776	45.695 ng	99
24) Nitrobenzene	7.469	77	448291	49.320 ng	98
25) Isophorone	7.704	82	782800	48.987 ng	100
26) 2-Nitrophenol	7.787	139	188140	50.281 ng	94
27) 2,4-Dimethylphenol	7.816	122	351504	49.214 ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	492835	47.470 ng	100
29) 2,4-Dichlorophenol	8.022	162	342962	48.801 ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	345360	47.353 ng	100
31) Naphthalene	8.192	128	1112658	46.304 ng	100
32) Benzoic acid	7.910	122	185973	53.967 ng	96
33) 4-Chloroaniline	8.239	127	405365	48.005 ng	100
34) Hexachlorobutadiene	8.310	225	258638	47.570 ng	99
35) Caprolactam	8.604	113	92410	51.444 ng	95
36) 4-Chloro-3-methylphenol	8.710	107	327629	49.707 ng	97
37) 2-Methylnaphthalene	8.881	142	712848	46.524 ng	99
38) 1-Methylnaphthalene	8.981	142	689609	47.022 ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	351998	46.300 ng	99
41) Hexachlorocyclopentadiene	9.034	237	240402	49.894 ng	98
43) 2,4,6-Trichlorophenol	9.157	196	238499	50.100 ng	99

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Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	239256	48.050 ng		99
46) 1,1'-Biphenyl	9.345	154	838250	45.967 ng		99
47) 2-Chloronaphthalene	9.375	162	678591	46.229 ng		99
48) 2-Nitroaniline	9.463	65	239106	53.895 ng		99
49) Acenaphthylene	9.786	152	943926	46.711 ng		100
50) Dimethylphthalate	9.639	163	738918	48.124 ng		100
51) 2,6-Dinitrotoluene	9.704	165	141300	56.010 ng		98
52) Acenaphthene	9.957	154	613218	46.113 ng		99
53) 3-Nitroaniline	9.875	138	163244	53.384 ng		100
54) 2,4-Dinitrophenol	9.975	184	41616	49.728 ng	#	73
55) Dibenzofuran	10.133	168	867169	46.115 ng		100
56) 4-Nitrophenol	10.022	139	121266	49.212 ng		95
57) 2,4-Dinitrotoluene	10.104	165	185701	49.496 ng		99
58) Fluorene	10.475	166	632710	45.259 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	223693	52.440 ng		99
60) Diethylphthalate	10.345	149	692482	48.178 ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	332223	46.640 ng		98
62) 4-Nitroaniline	10.486	138	152165	52.923 ng		99
63) Azobenzene	10.628	77	722936	47.725 ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	72195	50.124 ng		90
66) n-Nitrosodiphenylamine	10.586	169	603084	47.203 ng		99
67) 4-Bromophenyl-phenylether	10.957	248	324243	48.975 ng		99
68) Hexachlorobenzene	11.022	284	433735	47.539 ng		99
69) Atrazine	11.110	200	180897	48.894 ng		98
70) Pentachlorophenol	11.216	266	231733	51.024 ng		99
71) Phenanthrene	11.439	178	920438	46.149 ng		100
72) Anthracene	11.492	178	936801	46.825 ng		99
73) Carbazole	11.639	167	814499	46.564 ng		100
74) Di-n-butylphthalate	11.975	149	990005	49.211 ng		100
75) Fluoranthene	12.627	202	926047	46.163 ng		99
77) Benzidine	12.751	184	553563	58.531 ng		99
78) Pyrene	12.857	202	960254	50.323 ng		99
80) Butylbenzylphthalate	13.474	149	356288	53.969 ng		99
81) Benzo(a)anthracene	14.045	228	1009406	48.411 ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	445355	49.304 ng		100
83) Chrysene	14.086	228	882028	46.750 ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	489947	50.632 ng		100
85) Di-n-octyl phthalate	14.651	149	875478	49.877 ng		99
87) Indeno(1,2,3-cd)pyrene	17.033	276	2041373	49.707 ng		99
88) Benzo(b)fluoranthene	15.104	252	1356316	49.206 ng		100
89) Benzo(k)fluoranthene	15.133	252	1347591	48.662 ng		100
90) Benzo(a)pyrene	15.474	252	1283604	49.541 ng		100
91) Dibenzo(a,h)anthracene	17.057	278	1673679	49.826 ng		99
92) Benzo(g,h,i)perylene	17.486	276	1623902	50.151 ng		100

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

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