

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142719.D
 Acq On : 10 Jun 2025 20:19
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/11/2025
 Supervised By :Jagrut Upadhyay 06/11/2025

Quant Time: Jun 11 04:47:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 04:40:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	79493	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	302818	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	163275	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	254680	20.000	ng	0.00
76) Chrysene-d12	14.074	240	134451	20.000	ng	0.00
86) Perylene-d12	15.568	264	159401	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	683690	145.736	ng	0.01
7) Phenol-d6	6.534	99	828276	150.974	ng	0.01
23) Nitrobenzene-d5	7.469	82	838877	151.958	ng	0.01
42) 2,4,6-Tribromophenol	10.733	330	263313	143.986	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1683411	140.008	ng	0.00
79) Terphenyl-d14	13.016	244	1341427	151.555	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	139665	77.738	ng	98
3) Pyridine	3.440	79	356768	77.107	ng	100
4) n-Nitrosodimethylamine	3.416	42	186856	82.185	ng	100
6) Aniline	6.563	93	551994	74.919	ng	93
8) 2-Chlorophenol	6.681	128	387641	75.563	ng	98
10) Phenol	6.545	94	459718	75.034	ng	86
11) bis(2-Chloroethyl)ether	6.634	93	343229	76.473	ng	100
12) 1,3-Dichlorobenzene	6.840	146	423783	73.798	ng	98
13) 1,4-Dichlorobenzene	6.916	146	429010	73.329	ng	99
14) 1,2-Dichlorobenzene	7.069	146	407726	73.090	ng	100
15) Benzyl Alcohol	7.040	79	320131	79.079	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	511637	70.438	ng	88
17) 2-Methylphenol	7.151	107	296621	75.776	ng	98
18) Hexachloroethane	7.410	117	155047	76.420	ng	98
19) n-Nitroso-di-n-propyla...	7.322	70	261726	80.661	ng	98
20) 3+4-Methylphenols	7.310	107	360549	74.532	ng	99
22) Acetophenone	7.316	105	494731	74.696	ng	99
24) Nitrobenzene	7.487	77	377341	75.974	ng	97
25) Isophorone	7.734	82	708591	78.433	ng	99
26) 2-Nitrophenol	7.798	139	215616	78.773	ng	99
27) 2,4-Dimethylphenol	7.834	122	354230	75.877	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	431554	76.862	ng	100
29) 2,4-Dichlorophenol	8.045	162	325461	76.711	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	355845	76.062	ng	100
31) Naphthalene	8.204	128	1093209	73.252	ng	99
32) Benzoic acid	7.987	122	225393	80.665	ng	98
33) 4-Chloroaniline	8.251	127	447813	73.120	ng	98
34) Hexachlorobutadiene	8.316	225	222847	76.955	ng	99
35) Caprolactam	8.651	113	89792m	69.799	ng	
36) 4-Chloro-3-methylphenol	8.739	107	330975	74.272	ng	99
37) 2-Methylnaphthalene	8.892	142	684643	72.000	ng	98
38) 1-Methylnaphthalene	8.992	142	702007	71.612	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	346913	73.054	ng	99
41) Hexachlorocyclopentadiene	9.045	237	258602	91.299	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	234753	75.673	ng	98
44) 2,4,5-Trichlorophenol	9.216	196	249904	75.229	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.363	154	919903	72.479	ng	99
47) 2-Chloronaphthalene	9.386	162	683953	72.031	ng	99
48) 2-Nitroaniline	9.481	65	202823	72.414	ng	99
49) Acenaphthylene	9.804	152	1139161	72.323	ng	100
50) Dimethylphthalate	9.669	163	806161	73.402	ng	100
51) 2,6-Dinitrotoluene	9.728	165	174846	73.343	ng	94
52) Acenaphthene	9.975	154	717734	74.430	ng	99
53) 3-Nitroaniline	9.898	138	192508	72.585	ng	99
54) 2,4-Dinitrophenol	10.004	184	110303	84.319	ng	90
55) Dibenzofuran	10.145	168	990916	71.616	ng	100
56) 4-Nitrophenol	10.057	139	135550	74.740	ng	99
57) 2,4-Dinitrotoluene	10.133	165	227420	71.678	ng	94
58) Fluorene	10.492	166	762320	69.038	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	202852	73.596	ng	99
60) Diethylphthalate	10.363	149	759980	71.123	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	373104	71.075	ng	99
62) 4-Nitroaniline	10.516	138	170338	68.540	ng	99
63) Azobenzene	10.639	77	682466	71.254	ng	100
65) 4,6-Dinitro-2-methylph...	10.545	198	131400	82.959	ng	99
66) n-Nitrosodiphenylamine	10.604	169	663248	80.735	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	231210	82.064	ng	96
68) Hexachlorobenzene	11.039	284	255393	79.389	ng	99
69) Atrazine	11.128	200	181083	74.132	ng	99
70) Pentachlorophenol	11.233	266	145096	83.538	ng	98
71) Phenanthrene	11.457	178	996749	73.171	ng	100
72) Anthracene	11.504	178	1022318	72.476	ng	100
73) Carbazole	11.657	167	847728	67.657	ng	99
74) Di-n-butylphthalate	11.986	149	971270	73.246	ng	100
75) Fluoranthene	12.645	202	894185	67.491	ng	99
77) Benzidine	12.763	184	297389	63.003	ng	100
78) Pyrene	12.874	202	879551	77.450	ng	100
80) Butylbenzylphthalate	13.486	149	316085	91.133	ng	98
81) Benzo(a)anthracene	14.063	228	679460	77.337	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	224931	80.119	ng	99
83) Chrysene	14.098	228	629301	76.388	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	481798	116.501	ng	100
85) Di-n-octyl phthalate	14.663	149	889433	109.198	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	930657	81.866	ng	100
88) Benzo(b)fluoranthene	15.127	252	726168	76.012	ng	99
89) Benzo(k)fluoranthene	15.163	252	662322	74.947	ng	99
90) Benzo(a)pyrene	15.510	252	680946	76.299	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	746984	81.196	ng	100
92) Benzo(g,h,i)perylene	17.562	276	741275	78.194	ng	99

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

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