

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111925\
 Data File : BF144275.D
 Acq On : 19 Nov 2025 12:37
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025

Supervised By :Sohil Jodhani 11/20/2025

Quant Time: Nov 19 12:57:30 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 05 18:37:33 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	53527	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	193764	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	101554	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	152594	20.000	ng	0.00
76) Chrysene-d12	14.045	240	121451	20.000	ng	0.00
86) Perylene-d12	15.527	264	162086	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	272203	79.579	ng	0.00
7) Phenol-d6	6.504	99	292225	75.399	ng	0.00
23) Nitrobenzene-d5	7.434	82	264096	78.719	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	86542	67.909	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	546707	79.509	ng	0.00
79) Terphenyl-d14	12.986	244	488113	63.838	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.599	88	55793	39.453	ng	98
3) Pyridine	3.375	79	159716	40.482	ng	97
4) n-Nitrosodimethylamine	3.316	42	78619	38.149	ng	97
6) Aniline	6.534	93	208457	37.750	ng	99
8) 2-Chlorophenol	6.657	128	133835	39.898	ng	96
9) Benzaldehyde	6.422	77	98609	45.057	ng	98
10) Phenol	6.516	94	181836	38.400	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	131672	38.161	ng	99
12) 1,3-Dichlorobenzene	6.810	146	161680	39.060	ng	97
13) 1,4-Dichlorobenzene	6.887	146	160167	38.623	ng	99
14) 1,2-Dichlorobenzene	7.040	146	150190	37.786	ng	99
15) Benzyl Alcohol	7.010	79	114779	37.400	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	241199	37.960	ng	97
17) 2-Methylphenol	7.122	107	103386	38.742	ng	99
18) Hexachloroethane	7.381	117	54766	39.751	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	91846	35.998	ng	98
20) 3+4-Methylphenols	7.275	107	118052	37.527	ng	97
22) Acetophenone	7.281	105	157417	37.871	ng	97
24) Nitrobenzene	7.451	77	143903	39.505	ng	98
25) Isophorone	7.687	82	237620	37.445	ng	98
26) 2-Nitrophenol	7.769	139	74633	41.389	ng	97
27) 2,4-Dimethylphenol	7.804	122	107197	39.663	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	154836	39.073	ng	98
29) 2,4-Dichlorophenol	8.010	162	123613	39.683	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	125087	39.106	ng	96
31) Naphthalene	8.175	128	363428	39.430	ng	99
32) Benzoic acid	7.916	122	72640	36.666	ng	98
33) 4-Chloroaniline	8.222	127	127803	38.018	ng	99
34) Hexachlorobutadiene	8.287	225	93816	38.917	ng	99
35) Caprolactam	8.587	113	29629	34.718	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	104353	37.380	ng	100
37) 2-Methylnaphthalene	8.863	142	235526	38.219	ng	99
38) 1-Methylnaphthalene	8.963	142	225398	37.906	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	134891	40.529	ng	100
41) Hexachlorocyclopentadiene	9.016	237	31614	33.103	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	89165	39.362	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	93616	38.345	ng	98
46) 1,1'-Biphenyl	9.328	154	278784	39.328	ng	100
47) 2-Chloronaphthalene	9.357	162	232568	38.461	ng	98
48) 2-Nitroaniline	9.451	65	66719	38.241	ng	94
49) Acenaphthylene	9.769	152	322202	39.101	ng	98
50) Dimethylphthalate	9.622	163	253612	37.696	ng	100
51) 2,6-Dinitrotoluene	9.692	165	53028	38.936	ng	94
52) Acenaphthene	9.939	154	200482	36.383	ng	99
53) 3-Nitroaniline	9.863	138	57745	38.787	ng	93
54) 2,4-Dinitrophenol	9.975	184	36285	44.121	ng	97
55) Dibenzofuran	10.116	168	289218	37.476	ng	98
56) 4-Nitrophenol	10.028	139	42262m	39.243	ng	
57) 2,4-Dinitrotoluene	10.098	165	67491	37.018	ng	98
58) Fluorene	10.457	166	216594	36.913	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	62222	36.022	ng	99
60) Diethylphthalate	10.322	149	226232	36.478	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	121083	36.227	ng	95
62) 4-Nitroaniline	10.475	138	50536	35.644	ng	94
63) Azobenzene	10.610	77	210452	36.461	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	36145	34.868	ng	96
66) n-Nitrosodiphenylamine	10.563	169	207271	42.233	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	77764	39.926	ng	98
68) Hexachlorobenzene	11.010	284	89370	38.956	ng	95
69) Atrazine	11.092	200	55597	35.621	ng	98
70) Pentachlorophenol	11.204	266	50971	44.617	ng	99
71) Phenanthrene	11.422	178	299127	39.372	ng	99
72) Anthracene	11.475	178	301823	39.069	ng	100
73) Carbazole	11.628	167	252189	38.390	ng	99
74) Di-n-butylphthalate	11.957	149	304367	38.327	ng	99
75) Fluoranthene	12.616	202	307019	39.120	ng	99
77) Benzidine	12.739	184	130607	36.356	ng	98
78) Pyrene	12.845	202	317549	32.428	ng	100
80) Butylbenzylphthalate	13.457	149	121834	35.897	ng	100
81) Benzo(a)anthracene	14.033	228	340180	40.414	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	115237	39.939	ng	97
83) Chrysene	14.074	228	307050	39.515	ng	98
84) Bis(2-ethylhexyl)phtha...	14.016	149	175036	37.674	ng	100
85) Di-n-octyl phthalate	14.633	149	334729	41.757	ng	100
87) Indeno(1,2,3-cd)pyrene	17.033	276	354735	30.488	ng	98
88) Benzo(b)fluoranthene	15.092	252	388014	42.107	ng	99
89) Benzo(k)fluoranthene	15.121	252	324322	37.602	ng	99
90) Benzo(a)pyrene	15.463	252	334448	39.342	ng	98
91) Dibenzo(a,h)anthracene	17.045	278	288901	30.917	ng	98
92) Benzo(g,h,i)perylene	17.480	276	267993	29.043	ng	99

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

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