

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
 Data File : BF144415.D
 Acq On : 03 Dec 2025 12:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 03 12:45:22 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	6.863	152	58261	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	220069	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	120401	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	192871	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	142815	20.000	ng	0.00
86) Perylene-d12	15.527	264	191200	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	312575	83.957	ng	0.00
7) Phenol-d6	6.504	99	341640	80.986	ng	0.00
23) Nitrobenzene-d5	7.434	82	316882	83.163	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	122510	81.084	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	651252	79.888	ng	0.00
79) Terphenyl-d14	12.980	244	659787	73.382	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	63634	41.342	ng	99
3) Pyridine	3.363	79	182985	42.612	ng	97
4) n-Nitrosodimethylamine	3.310	42	85313	38.034	ng	88
6) Aniline	6.528	93	245117	40.782	ng	# 84
8) 2-Chlorophenol	6.651	128	155875	42.692	ng	100
9) Benzaldehyde	6.416	77	129794	54.487	ng	97
10) Phenol	6.516	94	210032	40.750	ng	84
11) bis(2-Chloroethyl)ether	6.598	93	164066	43.685	ng	99
12) 1,3-Dichlorobenzene	6.804	146	185065	41.076	ng	98
13) 1,4-Dichlorobenzene	6.881	146	186108	41.232	ng	99
14) 1,2-Dichlorobenzene	7.034	146	175123	40.479	ng	99
15) Benzyl Alcohol	7.010	79	138557	41.480	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	296513	42.873	ng	85
17) 2-Methylphenol	7.122	107	120187	41.378	ng	95
18) Hexachloroethane	7.375	117	62328	41.563	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	109924	39.583	ng	98
20) 3+4-Methylphenols	7.275	107	140099	40.917	ng	95
22) Acetophenone	7.275	105	188687	39.968	ng	97
24) Nitrobenzene	7.451	77	171624	41.483	ng	99
25) Isophorone	7.687	82	300170	41.647	ng	100
26) 2-Nitrophenol	7.763	139	89839	43.867	ng	97
27) 2,4-Dimethylphenol	7.804	122	125535	40.896	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	192967	42.874	ng	98
29) 2,4-Dichlorophenol	8.010	162	145449	41.112	ng	97
30) 1,2,4-Trichlorobenzene	8.087	180	146215	40.247	ng	99
31) Naphthalene	8.169	128	434587	41.514	ng	99
32) Benzoic acid	7.922	122	86739	38.550	ng	94
33) 4-Chloroaniline	8.222	127	156700	41.042	ng	99
34) Hexachlorobutadiene	8.281	225	112320	41.024	ng	98
35) Caprolactam	8.598	113	38257	39.470	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	129937	40.981	ng	99
37) 2-Methylnaphthalene	8.863	142	285780	40.831	ng	98
38) 1-Methylnaphthalene	8.957	142	271488	40.200	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	166666	42.238	ng	100
41) Hexachlorocyclopentadiene	9.010	237	43633	37.126	ng	96
43) 2,4,6-Trichlorophenol	9.139	196	110216	41.039	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	117004	40.422	ng	99
46) 1,1'-Biphenyl	9.322	154	344215	40.957	ng	100
47) 2-Chloronaphthalene	9.351	162	295911	41.276	ng	99
48) 2-Nitroaniline	9.451	65	84388	40.797	ng	94
49) Acenaphthylene	9.763	152	393177	40.246	ng	100
50) Dimethylphthalate	9.622	163	321693	40.331	ng	99
51) 2,6-Dinitrotoluene	9.692	165	67996	42.112	ng	95
52) Acenaphthene	9.939	154	247710	37.917	ng	100
53) 3-Nitroaniline	9.863	138	72485	41.066	ng	98
54) 2,4-Dinitrophenol	9.975	184	50232	51.519	ng	98
55) Dibenzofuran	10.110	168	361806	39.543	ng	99
56) 4-Nitrophenol	10.034	139	44046	34.497	ng	98
57) 2,4-Dinitrotoluene	10.098	165	89398	41.358	ng	99
58) Fluorene	10.457	166	280703	40.351	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	80063	39.095	ng	98
60) Diethylphthalate	10.322	149	297785	40.499	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	159222	40.181	ng	99
62) 4-Nitroaniline	10.481	138	67864	40.373	ng	94
63) Azobenzene	10.604	77	278252	40.661	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	52380	39.977	ng	97
66) n-Nitrosodiphenylamine	10.563	169	264313	42.609	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	104301	42.367	ng	99
68) Hexachlorobenzene	11.004	284	125015	43.113	ng	95
69) Atrazine	11.092	200	79735	40.418	ng	98
70) Pentachlorophenol	11.204	266	63696	44.113	ng	97
71) Phenanthrene	11.422	178	402711	41.937	ng	99
72) Anthracene	11.475	178	408849	41.871	ng	100
73) Carbazole	11.628	167	338923	40.819	ng	99
74) Di-n-butylphthalate	11.951	149	433330	43.172	ng	99
75) Fluoranthene	12.616	202	400164	40.340	ng	100
77) Benzidine	12.733	184	204936	48.513	ng	99
78) Pyrene	12.845	202	415153	36.053	ng	99
80) Butylbenzylphthalate	13.457	149	162220	40.647	ng	97
81) Benzo(a)anthracene	14.033	228	414970	41.924	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	148378	43.733	ng	94
83) Chrysene	14.074	228	352349	38.562	ng	97
84) Bis(2-ethylhexyl)phtha...	14.010	149	234960	43.006	ng	97
85) Di-n-octyl phthalate	14.627	149	442714	46.966	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	568402	41.413	ng	100
88) Benzo(b)fluoranthene	15.098	252	454684	41.829	ng	99
89) Benzo(k)fluoranthene	15.127	252	418012	41.085	ng	98
90) Benzo(a)pyrene	15.468	252	418495	41.732	ng	98
91) Dibenzo(a,h)anthracene	17.057	278	451456	40.957	ng	98
92) Benzo(g,h,i)perylene	17.498	276	435875	40.043	ng	99

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

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