

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143853.D
 Acq On : 02 Oct 2025 13:36
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 02 15:57:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	114791	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	408348	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	201182	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	313026	20.000	ng	0.00
76) Chrysene-d12	14.057	240	379221	20.000	ng	0.00
86) Perylene-d12	15.533	264	631257	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	598884	84.763	ng	0.00
7) Phenol-d6	6.504	99	671077	82.204	ng	0.00
23) Nitrobenzene-d5	7.445	82	570424	85.507	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	371056	124.565	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1105448	85.746	ng	0.00
79) Terphenyl-d14	12.998	244	1590416	85.293	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	141369	41.803	ng	93
3) Pyridine	3.399	79	379680	41.593	ng	90
4) n-Nitrosodimethylamine	3.340	42	150706	32.925	ng	# 76
6) Aniline	6.545	93	477964	40.340	ng	98
8) 2-Chlorophenol	6.669	128	302362	41.803	ng	97
9) Benzaldehyde	6.439	77	268436	37.549	ng	95
10) Phenol	6.522	94	413088	43.534	ng	97
11) bis(2-Chloroethyl)ether	6.622	93	297302	39.970	ng	96
12) 1,3-Dichlorobenzene	6.828	146	345446	41.134	ng	98
13) 1,4-Dichlorobenzene	6.904	146	348427	41.574	ng	99
14) 1,2-Dichlorobenzene	7.057	146	328977	41.445	ng	99
15) Benzyl Alcohol	7.022	79	241117	40.876	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	565717	32.074	ng	95
17) 2-Methylphenol	7.128	107	230151	41.100	ng	98
18) Hexachloroethane	7.398	117	119800	40.646	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	194161	36.986	ng	89
20) 3+4-Methylphenols	7.281	107	282959	41.493	ng	95
22) Acetophenone	7.292	105	359176	40.047	ng	96
24) Nitrobenzene	7.469	77	307977	41.650	ng	95
25) Isophorone	7.704	82	520030	40.003	ng	99
26) 2-Nitrophenol	7.781	139	142897	47.124	ng	94
27) 2,4-Dimethylphenol	7.816	122	239123	41.154	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	336748	39.871	ng	100
29) 2,4-Dichlorophenol	8.022	162	249955	43.719	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	257186	43.346	ng	98
31) Naphthalene	8.192	128	801609	41.007	ng	100
32) Benzoic acid	7.898	122	132466	47.252	ng	94
33) 4-Chloroaniline	8.233	127	290558	42.296	ng	99
34) Hexachlorobutadiene	8.310	225	197904	44.744	ng	99
35) Caprolactam	8.592	113	62526	42.787	ng	# 84
36) 4-Chloro-3-methylphenol	8.710	107	226579	42.256	ng	99
37) 2-Methylnaphthalene	8.881	142	517791	41.540	ng	100
38) 1-Methylnaphthalene	8.981	142	494125	41.416	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	272159	44.827	ng	98
41) Hexachlorocyclopentadiene	9.033	237	147092	38.227	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	172917	45.485	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	179786	45.213	ng	98
46) 1,1'-Biphenyl	9.345	154	602459	41.369	ng	98
47) 2-Chloronaphthalene	9.369	162	493793	42.124	ng	98
48) 2-Nitroaniline	9.463	65	165535	46.722	ng	96
49) Acenaphthylene	9.786	152	674075	41.770	ng	100
50) Dimethylphthalate	9.639	163	508332	41.456	ng	99
51) 2,6-Dinitrotoluene	9.704	165	99658	49.467	ng	92
52) Acenaphthene	9.957	154	445306	41.932	ng	100
53) 3-Nitroaniline	9.869	138	116705	47.791	ng	100
54) 2,4-Dinitrophenol	9.975	184	32799	49.285	ng	# 72
55) Dibenzofuran	10.128	168	629639	41.928	ng	98
56) 4-Nitrophenol	10.022	139	76975	39.116	ng	91
57) 2,4-Dinitrotoluene	10.104	165	133985	45.000	ng	91
58) Fluorene	10.475	166	469000	42.010	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	167807	49.261	ng	# 93
60) Diethylphthalate	10.339	149	471338	41.063	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	249432	43.849	ng	96
62) 4-Nitroaniline	10.480	138	106947	46.577	ng	96
63) Azobenzene	10.622	77	465351	38.468	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	54617	47.767	ng	87
66) n-Nitrosodiphenylamine	10.580	169	427695	41.546	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	258672	48.490	ng	# 94
68) Hexachlorobenzene	11.022	284	392052	53.330	ng	# 93
69) Atrazine	11.104	200	123899	41.562	ng	98
70) Pentachlorophenol	11.216	266	185236	50.620	ng	99
71) Phenanthrene	11.433	178	669759	41.676	ng	100
72) Anthracene	11.486	178	670358	41.585	ng	99
73) Carbazole	11.639	167	583820	41.423	ng	99
74) Di-n-butylphthalate	11.974	149	646496	39.884	ng	100
75) Fluoranthene	12.627	202	690042	42.691	ng	99
77) Benzidine	12.751	184	332612	35.994	ng	98
78) Pyrene	12.857	202	720958	38.669	ng	99
80) Butylbenzylphthalate	13.474	149	252851	39.200	ng	94
81) Benzo(a)anthracene	14.045	228	823048	40.400	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	403752	45.747	ng	# 99
83) Chrysene	14.080	228	777552	42.180	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	342119	36.185	ng	# 98
85) Di-n-octyl phthalate	14.651	149	638051	37.203	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.033	276	2219874	46.348	ng	# 98
88) Benzo(b)fluoranthene	15.098	252	1366449	42.507	ng	100
89) Benzo(k)fluoranthene	15.127	252	1221003	37.806	ng	99
90) Benzo(a)pyrene	15.474	252	1248189	41.307	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	1839058	46.945	ng	# 98
92) Benzo(g,h,i)perylene	17.486	276	1755383	46.484	ng	97

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

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