

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
 Data File : BF143518.D
 Acq On : 21 Aug 2025 09:21
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 21 11:45:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 21 06:12:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	118001	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	448774	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	244595	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	369706	20.000	ng	0.00
76) Chrysene-d12	14.098	240	222503	20.000	ng	0.00
86) Perylene-d12	15.592	264	262934	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	534460	79.089	ng	0.00
7) Phenol-d6	6.563	99	667138	79.973	ng	-0.01
23) Nitrobenzene-d5	7.487	82	624678	81.228	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	181773	79.836	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1151723	77.819	ng	0.00
79) Terphenyl-d14	13.033	244	973817	76.374	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	127663	40.780	ng	99
3) Pyridine	3.510	79	338120	40.552	ng	99
4) n-Nitrosodimethylamine	3.457	42	150541	40.163	ng	98
6) Aniline	6.587	93	449531	40.315	ng	91
8) 2-Chlorophenol	6.716	128	300113	40.208	ng	100
9) Benzaldehyde	6.475	77	296436	43.891	ng	96
10) Phenol	6.575	94	387980	40.372	ng	92
11) bis(2-Chloroethyl)ether	6.657	93	289515	40.314	ng	99
12) 1,3-Dichlorobenzene	6.869	146	333800	39.802	ng	99
13) 1,4-Dichlorobenzene	6.945	146	336877	40.045	ng	99
14) 1,2-Dichlorobenzene	7.098	146	319564	40.122	ng	100
15) Benzyl Alcohol	7.069	79	254573	40.760	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.193	45	457661	39.834	ng	90
17) 2-Methylphenol	7.181	107	242686	40.511	ng	97
18) Hexachloroethane	7.440	117	115654	40.435	ng	97
19) n-Nitroso-di-n-propyla...	7.334	70	203044	39.822	ng	99
20) 3+4-Methylphenols	7.334	107	289653	40.503	ng	98
22) Acetophenone	7.334	105	383042	39.507	ng	99
24) Nitrobenzene	7.504	77	324679	41.020	ng	99
25) Isophorone	7.745	82	565357	40.104	ng	100
26) 2-Nitrophenol	7.822	139	161941	41.767	ng	97
27) 2,4-Dimethylphenol	7.863	122	242413	40.108	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	344305	39.742	ng	100
29) 2,4-Dichlorophenol	8.069	162	260040	40.285	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	265906	40.066	ng	98
31) Naphthalene	8.234	128	852935	39.587	ng	100
32) Benzoic acid	7.975	122	117106	35.717	ng	98
33) 4-Chloroaniline	8.275	127	304385	39.804	ng	99
34) Hexachlorobutadiene	8.351	225	174035	40.194	ng	100
35) Caprolactam	8.645	113	69912	45.135	ng	98
36) 4-Chloro-3-methylphenol	8.763	107	259690	40.144	ng	99
37) 2-Methylnaphthalene	8.922	142	562491	39.089	ng	100
38) 1-Methylnaphthalene	9.022	142	542827	39.436	ng	100
40) 1,2,4,5-Tetrachloroben...	9.086	216	277705	39.693	ng	100
41) Hexachlorocyclopentadiene	9.081	237	82522	34.356	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	173645	40.335	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	186067	39.568	ng	99
46) 1,1'-Biphenyl	9.386	154	680592	39.203	ng	99
47) 2-Chloronaphthalene	9.410	162	536315	39.372	ng	99
48) 2-Nitroaniline	9.504	65	163759	41.078	ng	97
49) Acenaphthylene	9.828	152	771789	39.570	ng	99
50) Dimethylphthalate	9.675	163	611411	41.504	ng	100
51) 2,6-Dinitrotoluene	9.745	165	129744	42.495	ng	98
52) Acenaphthene	9.998	154	521988	39.417	ng	100
53) 3-Nitroaniline	9.916	138	135772	41.155	ng	99
54) 2,4-Dinitrophenol	10.022	184	53382	35.824	ng	93
55) Dibenzofuran	10.169	168	745949	39.509	ng	99
56) 4-Nitrophenol	10.081	139	75600	38.513	ng	95
57) 2,4-Dinitrotoluene	10.145	165	174534	42.812	ng	97
58) Fluorene	10.516	166	569387	39.184	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	141362	40.463	ng	99
60) Diethylphthalate	10.381	149	557513	42.212	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	288368	39.680	ng	98
62) 4-Nitroaniline	10.528	138	126293	41.677	ng	99
63) Azobenzene	10.663	77	549552	40.129	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	79062	37.928	ng	98
66) n-Nitrosodiphenylamine	10.622	169	477218	40.110	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	178840	40.542	ng	97
68) Hexachlorobenzene	11.069	284	190099	39.979	ng	99
69) Atrazine	11.145	200	143876	46.846	ng	99
70) Pentachlorophenol	11.263	266	78686	36.133	ng	99
71) Phenanthrene	11.475	178	777957	39.294	ng	100
72) Anthracene	11.528	178	787324	39.255	ng	100
73) Carbazole	11.680	167	647183	39.380	ng	99
74) Di-n-butylphthalate	12.004	149	707138	46.124	ng	99
75) Fluoranthene	12.669	202	681682	38.372	ng	99
77) Benzidine	12.780	184	216953	40.029	ng	99
78) Pyrene	12.898	202	673559	36.801	ng	99
80) Butylbenzylphthalate	13.504	149	215877	43.176	ng	100
81) Benzo(a)anthracene	14.086	228	551541	38.502	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	167699	40.879	ng	98
83) Chrysene	14.121	228	510484	39.654	ng	100
84) Bis(2-ethylhexyl)phtha...	14.069	149	308015	40.447	ng	99
85) Di-n-octyl phthalate	14.680	149	551091	39.064	ng	100
87) Indeno(1,2,3-cd)pyrene	17.127	276	722883	38.259	ng	100
88) Benzo(b)fluoranthene	15.151	252	618031	42.286	ng	99
89) Benzo(k)fluoranthene	15.180	252	515140	36.812	ng	99
90) Benzo(a)pyrene	15.533	252	538725	39.710	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	587454	38.822	ng	99
92) Benzo(g,h,i)perylene	17.586	276	554893	36.878	ng	99

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

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