

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
 Data File : BF143246.D
 Acq On : 25 Jul 2025 12:42
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 25 13:07:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	115096	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	443616	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	235333	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	408518	20.000	ng	0.00
76) Chrysene-d12	14.133	240	235891	20.000	ng	0.01
86) Perylene-d12	15.639	264	228396	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	499657	68.698	ng	0.00
7) Phenol-d6	6.593	99	630005	68.818	ng	0.00
23) Nitrobenzene-d5	7.522	82	655640	73.671	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	187419	77.092	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1216459	70.694	ng	0.00
79) Terphenyl-d14	13.074	244	1179358	74.399	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.805	88	111888	32.511	ng	98
3) Pyridine	3.581	79	294625	32.983	ng	99
4) n-Nitrosodimethylamine	3.522	42	158698	34.410	ng	97
6) Aniline	6.622	93	437543	34.294	ng	97
8) 2-Chlorophenol	6.751	128	272751	35.776	ng	97
9) Benzaldehyde	6.516	77	239260	34.854	ng	99
10) Phenol	6.604	94	359225	36.019	ng	95
11) bis(2-Chloroethyl)ether	6.693	93	262125	34.327	ng	99
12) 1,3-Dichlorobenzene	6.910	146	294050	35.505	ng	98
13) 1,4-Dichlorobenzene	6.981	146	296708	35.575	ng	99
14) 1,2-Dichlorobenzene	7.134	146	285764	36.024	ng	99
15) Benzyl Alcohol	7.098	79	256234	36.657	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	487707	34.430	ng	99
17) 2-Methylphenol	7.210	107	225774	35.221	ng	98
18) Hexachloroethane	7.481	117	105382	36.498	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	204098	34.750	ng	99
20) 3+4-Methylphenols	7.363	107	278484	35.807	ng	# 81
22) Acetophenone	7.369	105	371749	35.396	ng	97
24) Nitrobenzene	7.540	77	300970	36.274	ng	99
25) Isophorone	7.781	82	557973	35.516	ng	99
26) 2-Nitrophenol	7.857	139	146315	40.632	ng	98
27) 2,4-Dimethylphenol	7.892	122	253720	34.566	ng	98
28) bis(2-Chloroethoxy)met...	7.987	93	328705	34.896	ng	98
29) 2,4-Dichlorophenol	8.098	162	225086	36.362	ng	99
30) 1,2,4-Trichlorobenzene	8.187	180	241735	36.147	ng	99
31) Naphthalene	8.269	128	784110	35.890	ng	100
32) Benzoic acid	7.992	122	136451m	34.619	ng	
33) 4-Chloroaniline	8.310	127	319885	35.858	ng	100
34) Hexachlorobutadiene	8.387	225	151515	37.088	ng	99
35) Caprolactam	8.675	113	73711	39.406	ng	97
36) 4-Chloro-3-methylphenol	8.787	107	251065	37.316	ng	99
37) 2-Methylnaphthalene	8.957	142	484054	36.410	ng	99
38) 1-Methylnaphthalene	9.057	142	496100	36.238	ng	98
40) 1,2,4,5-Tetrachloroben...	9.128	216	246094	36.221	ng	99
41) Hexachlorocyclopentadiene	9.116	237	159894	36.168	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	166283	35.362	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	175318	37.273	ng	99
46) 1,1'-Biphenyl	9.422	154	658681	35.875	ng	99
47) 2-Chloronaphthalene	9.445	162	482479	35.514	ng	100
48) 2-Nitroaniline	9.534	65	168138	39.465	ng	98
49) Acenaphthylene	9.863	152	816856	35.879	ng	100
50) Dimethylphthalate	9.716	163	567491	36.995	ng	100
51) 2,6-Dinitrotoluene	9.775	165	125086	40.085	ng	99
52) Acenaphthene	10.039	154	495770	36.842	ng	98
53) 3-Nitroaniline	9.945	138	141707	38.824	ng	98
54) 2,4-Dinitrophenol	10.051	184	57068	43.653	ng	# 3
55) Dibenzofuran	10.204	168	712751	35.676	ng	99
56) 4-Nitrophenol	10.098	139	98166	36.016	ng	98
57) 2,4-Dinitrotoluene	10.181	165	165180	42.191	ng	94
58) Fluorene	10.551	166	547987	36.546	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	144333	37.043	ng	99
60) Diethylphthalate	10.416	149	576460	38.021	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	276044	36.972	ng	99
62) 4-Nitroaniline	10.557	138	128253	40.999	ng	98
63) Azobenzene	10.698	77	566452	35.847	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	85197	40.709	ng	97
66) n-Nitrosodiphenylamine	10.657	169	488103	33.931	ng	98
67) 4-Bromophenyl-phenylether	11.028	248	170865	35.096	ng	98
68) Hexachlorobenzene	11.104	284	176446	34.675	ng	98
69) Atrazine	11.180	200	150987	38.072	ng	100
70) Pentachlorophenol	11.292	266	150859	50.413	ng	98
71) Phenanthrene	11.516	178	755968	34.852	ng	100
72) Anthracene	11.563	178	772558	34.922	ng	100
73) Carbazole	11.716	167	700432	36.259	ng	100
74) Di-n-butylphthalate	12.045	149	858061	39.257	ng	100
75) Fluoranthene	12.704	202	758999	38.122	ng	99
77) Benzidine	12.816	184	342804	37.719	ng	99
78) Pyrene	12.933	202	746974	37.104	ng	100
80) Butylbenzylphthalate	13.545	149	293433	47.599	ng	97
81) Benzo(a)anthracene	14.121	228	568068	35.970	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	177927	33.803	ng	99
83) Chrysene	14.157	228	504391	35.522	ng	99
84) Bis(2-ethylhexyl)phtha...	14.104	149	380963	40.828	ng	100
85) Di-n-octyl phthalate	14.721	149	573476	33.907	ng	99
87) Indeno(1,2,3-cd)pyrene	17.186	276	585841	36.376	ng	98
88) Benzo(b)fluoranthene	15.192	252	472520	33.865	ng	99
89) Benzo(k)fluoranthene	15.221	252	472515	37.950	ng	99
90) Benzo(a)pyrene	15.574	252	462725	35.994	ng	99
91) Dibenzo(a,h)anthracene	17.204	278	480508	36.656	ng	98
92) Benzo(g,h,i)perylene	17.651	276	476723	37.596	ng	98

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

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