

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
 Data File : BF142964.D
 Acq On : 02 Jul 2025 11:41
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 02 12:31:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	58835	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	223613	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	116653	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	194796	20.000	ng	0.00
76) Chrysene-d12	14.051	240	118183	20.000	ng	0.00
86) Perylene-d12	15.545	264	123997	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	276568	78.264	ng	0.00
7) Phenol-d6	6.504	99	321092	77.015	ng	0.00
23) Nitrobenzene-d5	7.439	82	340484	83.519	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	94919	79.070	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	745681	83.974	ng	-0.01
79) Terphenyl-d14	12.992	244	645901	75.514	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	50814	35.951	ng	100
3) Pyridine	3.393	79	129715	36.607	ng	97
4) n-Nitrosodimethylamine	3.340	42	68475	37.370	ng	96
6) Aniline	6.534	93	213019	38.399	ng	# 89
8) 2-Chlorophenol	6.657	128	147268	38.633	ng	100
9) Benzaldehyde	6.428	77	102310	41.363	ng	99
10) Phenol	6.522	94	179818	38.801	ng	90
11) bis(2-Chloroethyl)ether	6.610	93	126176	38.094	ng	97
12) 1,3-Dichlorobenzene	6.816	146	167807	39.362	ng	99
13) 1,4-Dichlorobenzene	6.892	146	167051	38.838	ng	99
14) 1,2-Dichlorobenzene	7.045	146	158089	38.750	ng	98
15) Benzyl Alcohol	7.016	79	120225	39.888	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	193355	36.334	ng	90
17) 2-Methylphenol	7.128	107	111915	38.742	ng	99
18) Hexachloroethane	7.386	117	59432	39.504	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	94859	39.120	ng	98
20) 3+4-Methylphenols	7.281	107	143560	39.858	ng	96
22) Acetophenone	7.287	105	191366	38.808	ng	99
24) Nitrobenzene	7.457	77	143245	38.821	ng	99
25) Isophorone	7.698	82	252508	38.611	ng	99
26) 2-Nitrophenol	7.775	139	80191	39.896	ng	99
27) 2,4-Dimethylphenol	7.810	122	134614	38.663	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	160881	38.695	ng	100
29) 2,4-Dichlorophenol	8.016	162	123052	38.979	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	136262	39.253	ng	99
31) Naphthalene	8.181	128	423430	38.685	ng	100
32) Benzoic acid	7.922	122	62494	35.216	ng	98
33) 4-Chloroaniline	8.228	127	174568	39.223	ng	99
34) Hexachlorobutadiene	8.292	225	83307	39.233	ng	99
35) Caprolactam	8.598	113	33703	40.458	ng	94
36) 4-Chloro-3-methylphenol	8.710	107	123098	39.235	ng	99
37) 2-Methylnaphthalene	8.869	142	268630	39.587	ng	99
38) 1-Methylnaphthalene	8.969	142	275913	39.278	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	137091	39.828	ng	98
41) Hexachlorocyclopentadiene	9.022	237	61927	31.704	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	86463	38.549	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	91232	38.640	ng	98
46) 1,1'-Biphenyl	9.333	154	360192	39.088	ng	100
47) 2-Chloronaphthalene	9.363	162	266073	38.477	ng	100
48) 2-Nitroaniline	9.457	65	76026	39.215	ng	100
49) Acenaphthylene	9.780	152	443514	38.960	ng	99
50) Dimethylphthalate	9.633	163	295995	39.199	ng	99
51) 2,6-Dinitrotoluene	9.698	165	66200	39.921	ng	99
52) Acenaphthene	9.951	154	271033	39.023	ng	100
53) 3-Nitroaniline	9.869	138	73098	40.037	ng	99
54) 2,4-Dinitrophenol	9.980	184	28575	34.414	ng	97
55) Dibenzofuran	10.122	168	385288	38.685	ng	100
56) 4-Nitrophenol	10.033	139	57314	45.854	ng	98
57) 2,4-Dinitrotoluene	10.104	165	87102	39.544	ng	96
58) Fluorene	10.463	166	306402	39.391	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	73451	38.594	ng	95
60) Diethylphthalate	10.333	149	298938	40.377	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	147263	39.675	ng	99
62) 4-Nitroaniline	10.486	138	67838	40.627	ng	97
63) Azobenzene	10.616	77	253554	38.318	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	43984	37.330	ng	93
66) n-Nitrosodiphenylamine	10.575	169	262226	38.842	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	86932	39.212	ng	96
68) Hexachlorobenzene	11.016	284	93666	38.023	ng	99
69) Atrazine	11.098	200	73076	41.917	ng	98
70) Pentachlorophenol	11.210	266	43803	35.684	ng	100
71) Phenanthrene	11.427	178	404225	38.308	ng	100
72) Anthracene	11.480	178	417414	38.570	ng	100
73) Carbazole	11.639	167	358920	38.432	ng	99
74) Di-n-butylphthalate	11.963	149	409630	42.104	ng	99
75) Fluoranthene	12.621	202	386289	38.573	ng	100
77) Benzidine	12.739	184	206536	46.514	ng	99
78) Pyrene	12.851	202	445961	40.257	ng	100
80) Butylbenzylphthalate	13.463	149	140470	43.714	ng	97
81) Benzo(a)anthracene	14.039	228	318700	39.974	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	100139	38.724	ng	98
83) Chrysene	14.080	228	265448	37.312	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	200158	43.293	ng	99
85) Di-n-octyl phthalate	14.633	149	345369	39.616	ng	98
87) Indeno(1,2,3-cd)pyrene	17.062	276	349123	36.965	ng	98
88) Benzo(b)fluoranthene	15.104	252	314480	43.830	ng	100
89) Benzo(k)fluoranthene	15.133	252	249604	37.183	ng	100
90) Benzo(a)pyrene	15.480	252	276854	39.941	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	283004	36.878	ng	98
92) Benzo(g,h,i)perylene	17.515	276	281879	36.836	ng	98

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

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