

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
 Data File : BF142502.D
 Acq On : 22 May 2025 11:11
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 22 12:13:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	96659	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	372701	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	197309	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	315055	20.000	ng	0.00
76) Chrysene-d12	14.069	240	157895	20.000	ng	0.00
86) Perylene-d12	15.557	264	195527	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	447564	78.010	ng	0.00
7) Phenol-d6	6.522	99	533057	77.184	ng	-0.01
23) Nitrobenzene-d5	7.463	82	530183	77.570	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	164236	74.998	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1096499	74.571	ng	-0.01
79) Terphenyl-d14	13.010	244	795345	68.835	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	90766	39.535	ng	99
3) Pyridine	3.434	79	231131	39.534	ng	98
4) n-Nitrosodimethylamine	3.381	42	121679	40.084	ng	99
6) Aniline	6.563	93	362751	39.064	ng	100
8) 2-Chlorophenol	6.681	128	244389	39.108	ng	98
9) Benzaldehyde	6.451	77	163391	39.334	ng	98
10) Phenol	6.534	94	302742	38.958	ng	100
11) bis(2-Chloroethyl)ether	6.634	93	214791	38.397	ng	99
12) 1,3-Dichlorobenzene	6.840	146	269252	38.613	ng	99
13) 1,4-Dichlorobenzene	6.916	146	269642	38.388	ng	99
14) 1,2-Dichlorobenzene	7.069	146	257431	38.302	ng	99
15) Benzyl Alcohol	7.034	79	197875	38.771	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	358019	38.111	ng	100
17) 2-Methylphenol	7.145	107	189875	38.917	ng	99
18) Hexachloroethane	7.410	117	93379	38.072	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	158714	37.081	ng	99
20) 3+4-Methylphenols	7.298	107	240103	38.429	ng	# 88
22) Acetophenone	7.310	105	315101	38.192	ng	98
24) Nitrobenzene	7.481	77	239334	38.825	ng	98
25) Isophorone	7.722	82	423533	37.062	ng	98
26) 2-Nitrophenol	7.798	139	128906	39.135	ng	98
27) 2,4-Dimethylphenol	7.828	122	225314	38.788	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	268076	37.553	ng	99
29) 2,4-Dichlorophenol	8.040	162	205819	38.961	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	220024	38.377	ng	98
31) Naphthalene	8.204	128	699587	38.121	ng	100
32) Benzoic acid	7.934	122	140703	39.792	ng	97
33) 4-Chloroaniline	8.251	127	285629	38.411	ng	99
34) Hexachlorobutadiene	8.322	225	134778	37.650	ng	99
35) Caprolactam	8.616	113	55626	37.492	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	206459	38.135	ng	98
37) 2-Methylnaphthalene	8.892	142	430472	37.285	ng	100
38) 1-Methylnaphthalene	8.992	142	448040	37.517	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	221756	39.153	ng	99
41) Hexachlorocyclopentadiene	9.051	237	150573	39.409	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	151013	39.540	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	152163	37.777	ng	98
46) 1,1'-Biphenyl	9.357	154	584245	38.167	ng	99
47) 2-Chloronaphthalene	9.386	162	436815	38.623	ng	98
48) 2-Nitroaniline	9.475	65	127235	38.921	ng	99
49) Acenaphthylene	9.804	152	735563	38.516	ng	100
50) Dimethylphthalate	9.657	163	478872	36.782	ng	100
51) 2,6-Dinitrotoluene	9.722	165	105507	37.548	ng	97
52) Acenaphthene	9.975	154	441339	37.846	ng	100
53) 3-Nitroaniline	9.886	138	119491	38.933	ng	99
54) 2,4-Dinitrophenol	9.992	184	54378	37.458	ng	# 75
55) Dibenzofuran	10.145	168	635174	37.851	ng	99
56) 4-Nitrophenol	10.039	139	87011	38.423	ng	99
57) 2,4-Dinitrotoluene	10.122	165	140453	38.274	ng	98
58) Fluorene	10.486	166	486395	37.519	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	128136	38.106	ng	99
60) Diethylphthalate	10.357	149	452810	35.612	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	235211	36.933	ng	97
62) 4-Nitroaniline	10.498	138	105151	37.776	ng	99
63) Azobenzene	10.639	77	421311	36.891	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	70104	39.872	ng	96
66) n-Nitrosodiphenylamine	10.598	169	416459	38.637	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	140846	37.808	ng	99
68) Hexachlorobenzene	11.033	284	158451	38.456	ng	98
69) Atrazine	11.122	200	98938	34.563	ng	99
70) Pentachlorophenol	11.228	266	91869	39.493	ng	96
71) Phenanthrene	11.451	178	635627	37.751	ng	100
72) Anthracene	11.504	178	649550	37.800	ng	100
73) Carbazole	11.657	167	543821	37.019	ng	100
74) Di-n-butylphthalate	11.986	149	518477	32.244	ng	99
75) Fluoranthene	12.639	202	553057	35.154	ng	99
77) Benzidine	12.763	184	236304	40.217	ng	99
78) Pyrene	12.869	202	538324	36.548	ng	100
80) Butylbenzylphthalate	13.486	149	156746	38.513	ng	97
81) Benzo(a)anthracene	14.057	228	397403	37.692	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	139902	43.748	ng	99
83) Chrysene	14.092	228	358734	37.865	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	253005	48.560	ng	99
85) Di-n-octyl phthalate	14.657	149	445243	43.705	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	553919	37.736	ng	100
88) Benzo(b)fluoranthene	15.121	252	425246	36.747	ng	99
89) Benzo(k)fluoranthene	15.151	252	408277	37.669	ng	99
90) Benzo(a)pyrene	15.498	252	421492	38.641	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	447155	37.559	ng	99
92) Benzo(g,h,i)perylene	17.527	276	447541	37.584	ng	98

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

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