

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
 Data File : BF141115.D
 Acq On : 10 Jan 2025 15:29
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Jan 10 22:21:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:16:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	166797	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	625097	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	331429	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	524382	20.000	ng	0.00
76) Chrysene-d12	13.992	240	272801	20.000	ng	0.00
86) Perylene-d12	15.462	264	363718	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1221392	113.120	ng	0.00
7) Phenol-d6	6.451	99	1539277	112.544	ng	0.00
23) Nitrobenzene-d5	7.387	82	1395728	118.358	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	426118	112.837	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2325954	107.167	ng	0.00
79) Terphenyl-d14	12.933	244	2015774	109.826	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	282685	58.792	ng	99
3) Pyridine	3.281	79	664277	56.338	ng	98
4) n-Nitrosodimethylamine	3.234	42	346602	60.119	ng	99
6) Aniline	6.487	93	687338	56.603	ng	98
8) 2-Chlorophenol	6.610	128	654126	56.467	ng	99
9) Benzaldehyde	6.369	77	359508	47.054	ng	99
10) Phenol	6.469	94	825966	56.415	ng	96
11) bis(2-Chloroethyl)ether	6.563	93	624780	57.261	ng	98
12) 1,3-Dichlorobenzene	6.763	146	737071	57.049	ng	100
13) 1,4-Dichlorobenzene	6.840	146	739899	56.830	ng	100
14) 1,2-Dichlorobenzene	6.998	146	678862	55.898	ng	98
15) Benzyl Alcohol	6.963	79	569256	57.633	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	867982	57.007	ng	99
17) 2-Methylphenol	7.075	107	540697	57.814	ng	100
18) Hexachloroethane	7.334	117	273673	58.126	ng	99
19) n-Nitroso-di-n-propyla...	7.239	70	448282	55.641	ng	99
20) 3+4-Methylphenols	7.228	107	649396	55.038	ng	91
22) Acetophenone	7.234	105	839619	56.502	ng	# 95
24) Nitrobenzene	7.410	77	723374	58.858	ng	99
25) Isophorone	7.645	82	1182593	58.682	ng	99
26) 2-Nitrophenol	7.722	139	351912	62.947	ng	99
27) 2,4-Dimethylphenol	7.757	122	444946	59.004	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	735624	58.164	ng	100
29) 2,4-Dichlorophenol	7.957	162	536633	59.918	ng	100
30) 1,2,4-Trichlorobenzene	8.045	180	594408	58.064	ng	99
31) Naphthalene	8.128	128	1881454	57.074	ng	100
32) Benzoic acid	7.881	122	474918	65.652	ng	98
33) 4-Chloroaniline	8.181	127	661580	58.031	ng	99
34) Hexachlorobutadiene	8.245	225	361678	58.633	ng	100
35) Caprolactam	8.557	113	172127	58.590	ng	99
36) 4-Chloro-3-methylphenol	8.651	107	574724	58.676	ng	97
37) 2-Methylnaphthalene	8.816	142	1192716	56.778	ng	99
38) 1-Methylnaphthalene	8.916	142	1171215	56.573	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	552288	58.058	ng	100
41) Hexachlorocyclopentadiene	8.969	237	198023	63.628	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	372492	58.059	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	400739	59.143	ng	99
46) 1,1'-Biphenyl	9.286	154	1446064	56.182	ng	99
47) 2-Chloronaphthalene	9.310	162	1137307	56.731	ng	99
48) 2-Nitroaniline	9.404	65	351442	59.139	ng	99
49) Acenaphthylene	9.722	152	1604876	56.033	ng	99
50) Dimethylphthalate	9.586	163	1260992	56.673	ng	100
51) 2,6-Dinitrotoluene	9.645	165	302470	58.458	ng	96
52) Acenaphthene	9.898	154	1130706	56.506	ng	99
53) 3-Nitroaniline	9.816	138	304598	57.930	ng	99
54) 2,4-Dinitrophenol	9.916	184	161915	65.835	ng	# 85
55) Dibenzofuran	10.069	168	1519761	55.836	ng	100
56) 4-Nitrophenol	9.963	139	239747	58.220	ng	96
57) 2,4-Dinitrotoluene	10.045	165	384187	57.615	ng	97
58) Fluorene	10.410	166	1136315	53.737	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	314063	55.763	ng	98
60) Diethylphthalate	10.286	149	1203188	55.391	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	562499	54.579	ng	98
62) 4-Nitroaniline	10.428	138	288413	56.043	ng	99
63) Azobenzene	10.563	77	1189588	55.501	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	207174	68.180	ng	98
66) n-Nitrosodiphenylamine	10.522	169	1008589	59.632	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	366857	60.766	ng	100
68) Hexachlorobenzene	10.957	284	400434	59.584	ng	100
69) Atrazine	11.045	200	151118	33.183	ng	99
70) Pentachlorophenol	11.145	266	266770	61.984	ng	100
71) Phenanthrene	11.374	178	1584559	56.285	ng	100
72) Anthracene	11.422	178	1559658	56.976	ng	100
73) Carbazole	11.574	167	1381633	55.045	ng	100
74) Di-n-butylphthalate	11.910	149	1583159	55.114	ng	99
75) Fluoranthene	12.557	202	1485631	52.882	ng	100
77) Benzidine	12.680	184	320215	63.297	ng	99
78) Pyrene	12.786	202	1472183	56.501	ng	99
80) Butylbenzylphthalate	13.410	149	501888	57.773	ng	99
81) Benzo(a)anthracene	13.980	228	1104400	59.486	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	381831	64.590	ng	99
83) Chrysene	14.015	228	1058647	60.941	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	618556	59.343	ng	99
85) Di-n-octyl phthalate	14.610	149	1122312	71.302	ng	100
87) Indeno(1,2,3-cd)pyrene	16.933	276	1676795	62.926	ng	100
88) Benzo(b)fluoranthene	15.039	252	1321120	56.329	ng	99
89) Benzo(k)fluoranthene	15.074	252	1130630	57.044	ng	100
90) Benzo(a)pyrene	15.404	252	1146809	59.265	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	1362152	63.202	ng	99
92) Benzo(g,h,i)perylene	17.374	276	1432213	63.888	ng	100

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

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