

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011325\
 Data File : BF141123.D
 Acq On : 13 Jan 2025 11:11
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 13 11:43:20 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 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	162479	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	618982	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	333177	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	540934	20.000	ng	0.00
76) Chrysene-d12	13.986	240	313187	20.000	ng	0.00
86) Perylene-d12	15.457	264	308567	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	788945	75.011	ng	0.00
7) Phenol-d6	6.445	99	995184	74.697	ng	0.00
23) Nitrobenzene-d5	7.387	82	914017	78.275	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	301613	79.449	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1652773	75.751	ng	0.00
79) Terphenyl-d14	12.933	244	1613689	76.582	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	174876	37.337	ng	99
3) Pyridine	3.281	79	421513	36.699	ng	98
4) n-Nitrosodimethylamine	3.234	42	212170	37.780	ng	99
6) Aniline	6.487	93	447049	37.794	ng	99
8) 2-Chlorophenol	6.604	128	427260	37.863	ng	99
9) Benzaldehyde	6.369	77	279430	35.611	ng	99
10) Phenol	6.463	94	530056	37.166	ng	99
11) bis(2-Chloroethyl)ether	6.557	93	400431	37.675	ng	98
12) 1,3-Dichlorobenzene	6.763	146	474758	37.723	ng	100
13) 1,4-Dichlorobenzene	6.840	146	489123	38.567	ng	99
14) 1,2-Dichlorobenzene	6.992	146	448906	37.946	ng	99
15) Benzyl Alcohol	6.963	79	369231	38.376	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	548448	36.978	ng	99
17) 2-Methylphenol	7.069	107	345976	37.977	ng	99
18) Hexachloroethane	7.334	117	178569	38.935	ng	99
19) n-Nitroso-di-n-propyla...	7.234	70	291083	37.090	ng	99
20) 3+4-Methylphenols	7.222	107	435001	37.847	ng	98
22) Acetophenone	7.234	105	561189	38.138	ng	100
24) Nitrobenzene	7.404	77	470340	38.648	ng	99
25) Isophorone	7.639	82	777928	38.983	ng	100
26) 2-Nitrophenol	7.722	139	224883	40.622	ng	98
27) 2,4-Dimethylphenol	7.751	122	290792	38.943	ng	97
28) bis(2-Chloroethoxy)met...	7.851	93	482927	38.561	ng	99
29) 2,4-Dichlorophenol	7.957	162	351328	39.615	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	394484	38.915	ng	99
31) Naphthalene	8.128	128	1269336	38.886	ng	100
32) Benzoic acid	7.863	122	293165	40.927	ng	99
33) 4-Chloroaniline	8.175	127	434221	38.464	ng	99
34) Hexachlorobutadiene	8.245	225	245631	40.214	ng	99
35) Caprolactam	8.545	113	112742	38.830	ng	99
36) 4-Chloro-3-methylphenol	8.651	107	384257	39.618	ng	99
37) 2-Methylnaphthalene	8.816	142	807900	38.840	ng	100
38) 1-Methylnaphthalene	8.916	142	789314	38.503	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	370580	38.752	ng	99
41) Hexachlorocyclopentadiene	8.969	237	133936	42.810	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	249680	38.713	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	267118	39.216	ng	99
46) 1,1'-Biphenyl	9.281	154	984136	38.035	ng	100
47) 2-Chloronaphthalene	9.304	162	769924	38.204	ng	100
48) 2-Nitroaniline	9.398	65	231909	38.820	ng	99
49) Acenaphthylene	9.722	152	1095374	38.043	ng	100
50) Dimethylphthalate	9.586	163	863280	38.595	ng	100
51) 2,6-Dinitrotoluene	9.645	165	206348	39.671	ng	98
52) Acenaphthene	9.892	154	776334	38.593	ng	100
53) 3-Nitroaniline	9.810	138	206117	38.995	ng	98
54) 2,4-Dinitrophenol	9.916	184	98705	39.923	ng	90
55) Dibenzofuran	10.069	168	1049891	38.371	ng	100
56) 4-Nitrophenol	9.963	139	161014	38.896	ng	98
57) 2,4-Dinitrotoluene	10.045	165	264415	39.446	ng	98
58) Fluorene	10.410	166	804066	37.825	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	225086	39.755	ng	99
60) Diethylphthalate	10.286	149	853298	39.077	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	398783	38.491	ng	98
62) 4-Nitroaniline	10.422	138	200105	38.679	ng	96
63) Azobenzene	10.563	77	818835	38.003	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	136740	43.623	ng	97
66) n-Nitrosodiphenylamine	10.522	169	696928	39.944	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	255184	40.975	ng	98
68) Hexachlorobenzene	10.957	284	281294	40.575	ng	100
69) Atrazine	11.045	200	167564	35.668	ng	99
70) Pentachlorophenol	11.145	266	187585	42.252	ng	99
71) Phenanthrene	11.369	178	1159199	39.916	ng	100
72) Anthracene	11.422	178	1121447	39.714	ng	100
73) Carbazole	11.575	167	1027268	39.675	ng	100
74) Di-n-butylphthalate	11.910	149	1210038	40.836	ng	100
75) Fluoranthene	12.557	202	1146760	39.571	ng	99
77) Benzidine	12.680	184	244443	42.088	ng	99
78) Pyrene	12.786	202	1135116	37.947	ng	100
80) Butylbenzylphthalate	13.410	149	392413	39.346	ng	100
81) Benzo(a)anthracene	13.980	228	802852	37.667	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	252118	37.148	ng	99
83) Chrysene	14.016	228	734753	36.842	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	491024	41.033	ng	99
85) Di-n-octyl phthalate	14.598	149	722072	39.959	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	905133	40.039	ng	98
88) Benzo(b)fluoranthene	15.033	252	724560	36.415	ng	99
89) Benzo(k)fluoranthene	15.063	252	705967	41.984	ng	99
90) Benzo(a)pyrene	15.398	252	644858	39.281	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	737375	40.328	ng	98
92) Benzo(g,h,i)perylene	17.356	276	773644	40.679	ng	99

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

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