

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141899.D
 Acq On : 10 Mar 2025 12:00
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Mar 10 15:33:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:01:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	224499	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	921725	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	541295	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	966771	20.000	ng	0.00
76) Chrysene-d12	14.039	240	703100	20.000	ng	0.00
86) Perylene-d12	15.510	264	510790	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	279139	20.746	ng	0.00
7) Phenol-d6	6.493	99	357672	20.872	ng	-0.01
23) Nitrobenzene-d5	7.434	82	328098	19.951	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	127785	18.630	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	746589	21.003	ng	0.00
79) Terphenyl-d14	12.980	244	920159	19.345	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.675	88	54068	9.588 ng	98
3) Pyridine	3.440	79	135148	9.752 ng	99
4) n-Nitrosodimethylamine	3.369	42	62411	9.474 ng	# 98
6) Aniline	6.540	93	179854	10.631 ng	99
8) 2-Chlorophenol	6.657	128	151998	10.192 ng	97
9) Benzaldehyde	6.428	77	114586	11.963 ng	99
10) Phenol	6.504	94	187967	10.396 ng	98
11) bis(2-Chloroethyl)ether	6.610	93	139813	10.321 ng	99
12) 1,3-Dichlorobenzene	6.822	146	167192	10.374 ng	98
13) 1,4-Dichlorobenzene	6.898	146	168717	10.347 ng	98
14) 1,2-Dichlorobenzene	7.051	146	159032	10.357 ng	98
15) Benzyl Alcohol	7.010	79	140530	10.132 ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	171225	10.487 ng	98
17) 2-Methylphenol	7.116	107	117869	9.945 ng	99
18) Hexachloroethane	7.392	117	61809	10.111 ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	112281	10.194 ng	97
20) 3+4-Methylphenols	7.269	107	156526	10.296 ng	92
22) Acetophenone	7.281	105	227350	10.282 ng	99
24) Nitrobenzene	7.457	77	161777	9.922 ng	99
25) Isophorone	7.692	82	285760	9.842 ng	99
26) 2-Nitrophenol	7.775	139	73301	9.174 ng	98
27) 2,4-Dimethylphenol	7.804	122	107669	9.784 ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	187307	10.298 ng	98
29) 2,4-Dichlorophenol	8.010	162	135772	9.941 ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	149790	9.941 ng	99
31) Naphthalene	8.181	128	495470	10.493 ng	99
32) Benzoic acid	7.869	122	68640	7.136 ng	98
33) 4-Chloroaniline	8.228	127	173977	10.441 ng	98
34) Hexachlorobutadiene	8.298	225	97298	9.931 ng	98
35) Caprolactam	8.563	113	41208	9.922 ng	97
36) 4-Chloro-3-methylphenol	8.698	107	152340	10.029 ng	96
37) 2-Methylnaphthalene	8.869	142	326733	10.313 ng	99
38) 1-Methylnaphthalene	8.969	142	318324	10.376 ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	163481	9.905 ng	99
41) Hexachlorocyclopentadiene	9.022	237	59769	9.177 ng	99
43) 2,4,6-Trichlorophenol	9.145	196	105191	9.777 ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	105943	9.692	ng	99
46) 1,1'-Biphenyl	9.334	154	425640	10.372	ng	98
47) 2-Chloronaphthalene	9.357	162	308729	10.094	ng	98
48) 2-Nitroaniline	9.451	65	84854	9.658	ng	98
49) Acenaphthylene	9.775	152	470801	10.383	ng	99
50) Dimethylphthalate	9.628	163	382722	10.176	ng	100
51) 2,6-Dinitrotoluene	9.692	165	75577	9.663	ng	97
52) Acenaphthene	9.945	154	323406	10.101	ng	100
53) 3-Nitroaniline	9.857	138	79944	9.955	ng	96
54) 2,4-Dinitrophenol	9.963	184	23121	11.386	ng #	71
55) Dibenzofuran	10.116	168	483596	10.593	ng	98
56) 4-Nitrophenol	10.004	139	58549	9.706	ng	98
57) 2,4-Dinitrotoluene	10.092	165	103313	10.035	ng	98
58) Fluorene	10.463	166	368370	10.452	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	98725	9.954	ng	99
60) Diethylphthalate	10.328	149	398003	10.542	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	186237	10.145	ng	99
62) 4-Nitroaniline	10.463	138	78048	10.030	ng	97
63) Azobenzene	10.610	77	368982	10.521	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	40348	7.040	ng	99
66) n-Nitrosodiphenylamine	10.569	169	314758	10.078	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	120534	10.011	ng	97
68) Hexachlorobenzene	11.010	284	129242	9.712	ng	98
69) Atrazine	11.092	200	102822	13.502	ng	99
70) Pentachlorophenol	11.198	266	73112	8.909	ng	99
71) Phenanthrene	11.422	178	556546	10.646	ng	98
72) Anthracene	11.475	178	550767	10.501	ng	100
73) Carbazole	11.628	167	480520	10.641	ng	99
74) Di-n-butylphthalate	11.957	149	638429	10.708	ng	99
75) Fluoranthene	12.610	202	592806	10.801	ng	99
77) Benzidine	12.733	184	108761	10.946	ng	99
78) Pyrene	12.839	202	580442	9.626	ng	99
80) Butylbenzylphthalate	13.457	149	230714	9.710	ng	98
81) Benzo(a)anthracene	14.027	228	458422	9.911	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	136843	10.236	ng	99
83) Chrysene	14.063	228	419687	10.100	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	320536	9.833	ng	99
85) Di-n-octyl phthalate	14.627	149	428377	9.442	ng	100
87) Indeno(1,2,3-cd)pyrene	16.986	276	291723	8.807	ng	99
88) Benzo(b)fluoranthene	15.074	252	334664	9.659	ng	99
89) Benzo(k)fluoranthene	15.104	252	323772	10.698	ng	99
90) Benzo(a)pyrene	15.439	252	266149	9.740	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	243443	8.907	ng	98
92) Benzo(g,h,i)perylene	17.433	276	242380	8.941	ng	99

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

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