

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
 Data File : BF142372.D
 Acq On : 14 May 2025 18:12
 Operator : RC/JU
 Sample : Q2001-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-A4-03-CMS

Quant Time: May 15 01:02:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	162738	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	630639	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	377760	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	721905	20.000	ng	0.00
76) Chrysene-d12	14.068	240	522947	20.000	ng	0.00
86) Perylene-d12	15.556	264	454587	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1074523	112.715	ng	0.02
7) Phenol-d6	6.522	99	1271696	108.460	ng	0.00
23) Nitrobenzene-d5	7.463	82	867047	83.849	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	566824	155.413	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1916439	72.337	ng	0.00
79) Terphenyl-d14	13.015	244	2517488	71.253	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.822	88	137926	32.128	ng	# 81
3) Pyridine	3.534	79	333735	33.112	ng	98
4) n-Nitrosodimethylamine	3.475	42	211879	36.170	ng	94
6) Aniline	6.569	93	292837	25.463	ng	100
8) 2-Chlorophenol	6.686	128	445692	43.750	ng	97
9) Benzaldehyde	6.451	77	181024	26.379	ng	# 83
10) Phenol	6.539	94	493274	39.688	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	433818	35.395	ng	98
12) 1,3-Dichlorobenzene	6.839	146	405446	34.788	ng	98
13) 1,4-Dichlorobenzene	6.916	146	413585	35.343	ng	100
14) 1,2-Dichlorobenzene	7.069	146	402756	35.857	ng	100
15) Benzyl Alcohol	7.039	79	375436	49.449	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	685387	37.447	ng	99
17) 2-Methylphenol	7.145	107	351317	42.596	ng	99
18) Hexachloroethane	7.416	117	152037	39.049	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	308723	42.567	ng	99
20) 3+4-Methylphenols	7.298	107	450919	43.807	ng	96
22) Acetophenone	7.310	105	600618	42.834	ng	100
24) Nitrobenzene	7.481	77	439040	45.042	ng	97
25) Isophorone	7.722	82	889845	45.444	ng	99
26) 2-Nitrophenol	7.798	139	231628	49.190	ng	99
27) 2,4-Dimethylphenol	7.833	122	464197	47.151	ng	99
28) bis(2-Chloroethoxy)met...	7.933	93	540601	42.935	ng	99
29) 2,4-Dichlorophenol	8.039	162	407981	48.744	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	394248	41.854	ng	98
31) Naphthalene	8.216	128	5907098	193.267	ng	96
32) Benzoic acid	7.939	122	291877	53.461	ng	98
33) 4-Chloroaniline	8.257	127	255915m	20.520	ng	
34) Hexachlorobutadiene	8.322	225	226120	40.539	ng	99
35) Caprolactam	8.616	113	132522m	54.327	ng	
36) 4-Chloro-3-methylphenol	8.728	107	441090	50.696	ng	99
37) 2-Methylnaphthalene	8.898	142	1427181	75.146	ng	99
38) 1-Methylnaphthalene	8.998	142	1475266	74.528	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	427277	40.498	ng	99
41) Hexachlorocyclopentadiene	9.051	237	539719	82.773	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	325096	48.851	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	332806	47.001	ng	99
46) 1,1'-Biphenyl	9.363	154	1291111	44.576	ng	99
47) 2-Chloronaphthalene	9.386	162	887639	41.209	ng	99
48) 2-Nitroaniline	9.480	65	295451	53.512	ng	92
49) Acenaphthylene	9.804	152	1641352	45.550	ng	100
50) Dimethylphthalate	9.663	163	1180045	48.648	ng	100
51) 2,6-Dinitrotoluene	9.722	165	253851	55.909	ng	92
52) Acenaphthene	9.975	154	1330307	61.399	ng	100
53) 3-Nitroaniline	9.892	138	216852	40.722	ng	93
54) 2,4-Dinitrophenol	9.998	184	303669	123.256	ng	# 1
55) Dibenzofuran	10.145	168	1432463	44.798	ng	99
56) 4-Nitrophenol	10.045	139	452026	112.787	ng	98
57) 2,4-Dinitrotoluene	10.127	165	362477	62.237	ng	96
58) Fluorene	10.492	166	1234838	50.603	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	308281	52.740	ng	99
60) Diethylphthalate	10.363	149	1216822	50.231	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	531908	45.180	ng	99
62) 4-Nitroaniline	10.510	138	273368	64.771	ng	99
63) Azobenzene	10.639	77	1055114	45.580	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	192541	55.837	ng	97
66) n-Nitrosodiphenylamine	10.598	169	1020454	42.480	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	354444	43.322	ng	96
68) Hexachlorobenzene	11.039	284	396421	44.049	ng	95
69) Atrazine	11.127	200	334569	52.835	ng	100
70) Pentachlorophenol	11.227	266	512510	108.252	ng	98
71) Phenanthrene	11.457	178	1886016	49.841	ng	99
72) Anthracene	11.504	178	1742097	44.806	ng	99
73) Carbazole	11.657	167	1668872	47.842	ng	100
74) Di-n-butylphthalate	11.986	149	2039460	55.601	ng	100
75) Fluoranthene	12.639	202	1893989	50.071	ng	100
77) Benzidine	12.780	184	118011m	12.418	ng	
78) Pyrene	12.874	202	1909520	41.023	ng	100
80) Butylbenzylphthalate	13.486	149	823405	59.653	ng	99
81) Benzo(a)anthracene	14.057	228	1562122	46.126	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	365646	46.427	ng	99
83) Chrysene	14.098	228	1365169	43.301	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	1118306	61.873	ng	99
85) Di-n-octyl phthalate	14.662	149	1725527	53.104	ng	97
87) Indeno(1,2,3-cd)pyrene	17.062	276	1230565	38.914	ng	99
88) Benzo(b)fluoranthene	15.121	252	1288343	46.794	ng	99
89) Benzo(k)fluoranthene	15.151	252	1294089	51.362	ng	100
90) Benzo(a)pyrene	15.498	252	1187074	48.114	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	1015018	38.852	ng	99
92) Benzo(g,h,i)perylene	17.521	276	931726	35.933	ng	98

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

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