

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
 Data File : BF142373.D
 Acq On : 14 May 2025 18:41
 Operator : RC/JU
 Sample : Q2001-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: May 15 01:02:50 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	179060	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	701472	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	425907	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	786136	20.000	ng	0.00
76) Chrysene-d12	14.069	240	511971	20.000	ng	0.00
86) Perylene-d12	15.557	264	442353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1200952	114.493	ng	0.02
7) Phenol-d6	6.528	99	1430117	110.853	ng	0.00
23) Nitrobenzene-d5	7.463	82	988742	85.963	ng	0.00
42) 2,4,6-Tribromophenol	10.734	330	634330	154.261	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2169889	72.645	ng	0.00
79) Terphenyl-d14	13.016	244	2609910	75.452	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.828	88	146687	31.055	ng	# 82
3) Pyridine	3.540	79	370436	33.403	ng	97
4) n-Nitrosodimethylamine	3.481	42	233322	36.200	ng	93
6) Aniline	6.569	93	360093	28.457	ng	99
8) 2-Chlorophenol	6.687	128	499755	44.585	ng	98
9) Benzaldehyde	6.451	77	201752	26.720	ng	# 84
10) Phenol	6.540	94	551307	40.314	ng	96
11) bis(2-Chloroethyl)ether	6.634	93	516122	38.272	ng	98
12) 1,3-Dichlorobenzene	6.840	146	451445	35.204	ng	99
13) 1,4-Dichlorobenzene	6.916	146	460914	35.798	ng	100
14) 1,2-Dichlorobenzene	7.069	146	451502	36.533	ng	100
15) Benzyl Alcohol	7.040	79	424218	50.781	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	762169	37.846	ng	98
17) 2-Methylphenol	7.151	107	401571	44.251	ng	98
18) Hexachloroethane	7.416	117	170275	39.747	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	351225	44.013	ng	99
20) 3+4-Methylphenols	7.298	107	504402	44.536	ng	96
22) Acetophenone	7.310	105	672460	43.115	ng	98
24) Nitrobenzene	7.481	77	502910	46.385	ng	97
25) Isophorone	7.722	82	1013860	46.549	ng	99
26) 2-Nitrophenol	7.798	139	269199	51.213	ng	99
27) 2,4-Dimethylphenol	7.834	122	531200	48.508	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	619391	44.225	ng	99
29) 2,4-Dichlorophenol	8.040	162	469349	50.413	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	446142	42.580	ng	98
31) Naphthalene	8.216	128	6414852	188.687	ng	95
32) Benzoic acid	7.945	122	344365	55.919	ng	99
33) 4-Chloroaniline	8.257	127	304277m	21.934	ng	
34) Hexachlorobutadiene	8.322	225	256194	41.293	ng	100
35) Caprolactam	8.622	113	146780m	54.096	ng	
36) 4-Chloro-3-methylphenol	8.734	107	502825	51.956	ng	99
37) 2-Methylnaphthalene	8.898	142	1610135	76.218	ng	99
38) 1-Methylnaphthalene	8.998	142	1657888	75.296	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	482550	40.567	ng	99
41) Hexachlorocyclopentadiene	9.051	237	610197	83.003	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	371527	49.517	ng	99

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44) 2,4,5-Trichlorophenol	9.210	196	386591	48.425	ng	100
46) 1,1'-Biphenyl	9.363	154	1457266	44.625	ng	99
47) 2-Chloronaphthalene	9.387	162	1022257	42.093	ng	99
48) 2-Nitroaniline	9.481	65	338524	54.382	ng	92
49) Acenaphthylene	9.804	152	1864675	45.898	ng	99
50) Dimethylphthalate	9.663	163	1342328	49.082	ng	100
51) 2,6-Dinitrotoluene	9.722	165	293039	57.243	ng	93
52) Acenaphthene	9.975	154	1493853	61.153	ng	100
53) 3-Nitroaniline	9.892	138	240523	40.062	ng	96
54) 2,4-Dinitrophenol	9.998	184	354302	127.284	ng	# 1
55) Dibenzofuran	10.145	168	1615499	44.811	ng	98
56) 4-Nitrophenol	10.051	139	496548	109.890	ng	95
57) 2,4-Dinitrotoluene	10.128	165	406148	61.852	ng	95
58) Fluorene	10.492	166	1377632	50.072	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	351224	53.294	ng	98
60) Diethylphthalate	10.363	149	1356138	49.654	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	604128	45.513	ng	99
62) 4-Nitroaniline	10.510	138	296414	62.292	ng	99
63) Azobenzene	10.639	77	1184720	45.394	ng	99
65) 4,6-Dinitro-2-methylph...	10.534	198	217913	57.749	ng	99
66) n-Nitrosodiphenylamine	10.604	169	1144480	43.750	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	401569	45.072	ng	96
68) Hexachlorobenzene	11.039	284	440242	44.921	ng	95
69) Atrazine	11.128	200	359696	52.162	ng	100
70) Pentachlorophenol	11.233	266	558643	108.355	ng	97
71) Phenanthrene	11.457	178	2044231	49.608	ng	100
72) Anthracene	11.504	178	1877139	44.334	ng	99
73) Carbazole	11.657	167	1768267	46.550	ng	100
74) Di-n-butylphthalate	11.986	149	2155058	53.952	ng	100
75) Fluoranthene	12.639	202	1947140	47.270	ng	100
77) Benzidine	12.775	184	112582m	12.100	ng	
78) Pyrene	12.869	202	1968238	43.191	ng	100
80) Butylbenzylphthalate	13.486	149	841069	62.081	ng	99
81) Benzo(a)anthracene	14.057	228	1565824	47.226	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	368885	47.843	ng	99
83) Chrysene	14.098	228	1340162	43.419	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	1143777	64.450	ng	100
85) Di-n-octyl phthalate	14.663	149	1745181	54.601	ng	97
87) Indeno(1,2,3-cd)pyrene	17.063	276	1170623	38.042	ng	99
88) Benzo(b)fluoranthene	15.121	252	1295553	48.357	ng	99
89) Benzo(k)fluoranthene	15.151	252	1259782	51.383	ng	99
90) Benzo(a)pyrene	15.492	252	1183844	49.310	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	953494	37.507	ng	99
92) Benzo(g,h,i)perylene	17.521	276	871735	34.550	ng	97

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

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