

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
 Data File : BF141076.D
 Acq On : 06 Jan 2025 15:19
 Operator : RC/JU
 Sample : Q1009-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-1-03-2025MSD

Quant Time: Jan 06 15:40:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	242867	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	860402	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	377155	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	617908	20.000	ng	0.00
76) Chrysene-d12	13.992	240	384786	20.000	ng	0.00
86) Perylene-d12	15.451	264	337152	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1393021	86.459	ng	0.00
7) Phenol-d6	6.457	99	1730346	83.368	ng	0.00
23) Nitrobenzene-d5	7.392	82	1016459	75.582	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	375930	102.578	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1537515	64.950	ng	0.00
79) Terphenyl-d14	12.933	244	1559967	67.339	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	226283	31.022	ng	99
3) Pyridine	3.328	79	613434	34.412	ng	98
4) n-Nitrosodimethylamine	3.269	42	341401	37.798	ng	100
6) Aniline	6.522	93	681546	36.818	ng	98
8) 2-Chlorophenol	6.610	128	693400	40.820	ng	97
9) Benzaldehyde	6.375	77	106157	2.757	ng	99
10) Phenol	6.469	94	862583	40.192	ng	98
11) bis(2-Chloroethyl)ether	6.563	93	683893	39.465	ng	96
12) 1,3-Dichlorobenzene	6.769	146	698711	37.271	ng	99
13) 1,4-Dichlorobenzene	6.845	146	698554	36.963	ng	100
14) 1,2-Dichlorobenzene	6.998	146	668227	37.924	ng	99
15) Benzyl Alcohol	6.969	79	588757	39.474	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	970939	37.049	ng	97
17) 2-Methylphenol	7.081	107	550401	39.001	ng	99
18) Hexachloroethane	7.345	117	242702	36.152	ng	99
19) n-Nitroso-di-n-propyla...	7.239	70	465660	36.621	ng	100
20) 3+4-Methylphenols	7.234	107	669706	37.500	ng	# 82
22) Acetophenone	7.239	105	880476	41.715	ng	99
24) Nitrobenzene	7.410	77	677478	45.083	ng	96
25) Isophorone	7.651	82	1229577	42.016	ng	99
26) 2-Nitrophenol	7.728	139	308907	49.922	ng	98
27) 2,4-Dimethylphenol	7.763	122	524552	49.045	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	740739	39.950	ng	98
29) 2,4-Dichlorophenol	7.969	162	500612	41.271	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	525916	38.306	ng	100
31) Naphthalene	8.134	128	1769188	39.022	ng	100
32) Benzoic acid	7.869	122	387655	44.678	ng	96
33) 4-Chloroaniline	8.181	127	331164	20.191	ng	99
34) Hexachlorobutadiene	8.251	225	324150	40.049	ng	100
35) Caprolactam	8.539	113	181876m	44.105	ng	
36) 4-Chloro-3-methylphenol	8.657	107	506251	37.581	ng	99
37) 2-Methylnaphthalene	8.822	142	1111983	38.339	ng	99
38) 1-Methylnaphthalene	8.922	142	1029082	36.102	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	474804	45.760	ng	99
41) Hexachlorocyclopentadiene	8.975	237	134559	39.133	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	316900	45.889	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	318893	45.131	ng	96
46) 1,1'-Biphenyl	9.286	154	1283256	44.436	ng	99
47) 2-Chloronaphthalene	9.310	162	932843	41.650	ng	100
48) 2-Nitroaniline	9.404	65	300753	51.007	ng	93
49) Acenaphthylene	9.728	152	1409159	43.706	ng	100
50) Dimethylphthalate	9.586	163	1084087	43.699	ng	100
51) 2,6-Dinitrotoluene	9.645	165	224618	44.672	ng	99
52) Acenaphthene	9.898	154	931517	42.736	ng	100
53) 3-Nitroaniline	9.810	138	196879	36.614	ng	# 94
54) 2,4-Dinitrophenol	9.916	184	69909	45.162	ng	# 12
55) Dibenzofuran	10.069	168	1267462	41.376	ng	99
56) 4-Nitrophenol	9.969	139	402629	94.879	ng	96
57) 2,4-Dinitrotoluene	10.045	165	297019	47.978	ng	# 96
58) Fluorene	10.416	166	978457	41.191	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	260519	44.518	ng	# 94
60) Diethylphthalate	10.286	149	1029630	42.041	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	466546	40.818	ng	99
62) 4-Nitroaniline	10.422	138	215804	39.871	ng	96
63) Azobenzene	10.569	77	1098527	42.733	ng	90
65) 4,6-Dinitro-2-methylph...	10.451	198	48601	25.231	ng	# 71
66) n-Nitrosodiphenylamine	10.522	169	846577	43.508	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	299161	44.787	ng	98
68) Hexachlorobenzene	10.963	284	318040	43.180	ng	99
69) Atrazine	11.051	200	292221	53.758	ng	99
70) Pentachlorophenol	11.151	266	425198	92.721	ng	100
71) Phenanthrene	11.374	178	1796193	55.232	ng	99
72) Anthracene	11.427	178	1566252	49.150	ng	99
73) Carbazole	11.580	167	1338663	43.699	ng	100
74) Di-n-butylphthalate	11.916	149	1559560	44.759	ng	100
75) Fluoranthene	12.563	202	1838685	52.130	ng	98
77) Benzidine	12.686	184	594853	73.149	ng	98
78) Pyrene	12.792	202	1984588	58.973	ng	100
80) Butylbenzylphthalate	13.416	149	638992	52.000	ng	98
81) Benzo(a)anthracene	13.980	228	1259452	46.964	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	349112	43.329	ng	98
83) Chrysene	14.015	228	1194664	49.417	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	796385	49.962	ng	99
85) Di-n-octyl phthalate	14.592	149	1185272	51.377	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.915	276	948431	44.650	ng	95
88) Benzo(b)fluoranthene	15.027	252	1129962	48.054	ng	99
89) Benzo(k)fluoranthene	15.057	252	814473	44.193	ng	98
90) Benzo(a)pyrene	15.392	252	930501	50.983	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	737408	42.827	ng	98
92) Benzo(g,h,i)perylene	17.351	276	689209	38.592	ng	98

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

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