

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
 Data File : BF141075.D
 Acq On : 06 Jan 2025 14:53
 Operator : RC/JU
 Sample : Q1009-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jan 06 15:16:10 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	260013	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	924417	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	398032	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	625013	20.000	ng	0.00
76) Chrysene-d12	13.992	240	441305	20.000	ng	0.00
86) Perylene-d12	15.451	264	374424	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1463208	84.827	ng	0.00
7) Phenol-d6	6.457	99	1809930	81.452	ng	0.00
23) Nitrobenzene-d5	7.392	82	1060299	73.382	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	372792	96.386	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1621577	64.908	ng	0.00
79) Terphenyl-d14	12.933	244	1636103	61.580	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	236157	30.240	ng	99
3) Pyridine	3.328	79	644809	33.786	ng	98
4) n-Nitrosodimethylamine	3.269	42	359329	37.160	ng	99
6) Aniline	6.528	93	734853m	37.080	ng	
8) 2-Chlorophenol	6.610	128	730361	40.160	ng	97
9) Benzaldehyde	6.375	77	111304	2.484	ng	97
10) Phenol	6.469	94	903530	39.323	ng	99
11) bis(2-Chloroethyl)ether	6.563	93	707529	38.137	ng	97
12) 1,3-Dichlorobenzene	6.769	146	737709	36.756	ng	99
13) 1,4-Dichlorobenzene	6.845	146	740999	36.624	ng	100
14) 1,2-Dichlorobenzene	6.998	146	705799	37.414	ng	99
15) Benzyl Alcohol	6.969	79	621120	38.898	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1013052	36.107	ng	97
17) 2-Methylphenol	7.081	107	575670	38.102	ng	99
18) Hexachloroethane	7.345	117	264793	36.841	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	491584	36.111	ng	97
20) 3+4-Methylphenols	7.234	107	702540	36.745	ng	# 82
22) Acetophenone	7.239	105	928821	40.958	ng	99
24) Nitrobenzene	7.410	77	721970	44.717	ng	97
25) Isophorone	7.651	82	1300834	41.373	ng	99
26) 2-Nitrophenol	7.728	139	330082	49.679	ng	98
27) 2,4-Dimethylphenol	7.763	122	554436	48.250	ng	98
28) bis(2-Chloroethoxy)met...	7.863	93	791624	39.738	ng	98
29) 2,4-Dichlorophenol	7.963	162	525266	40.304	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	556856	37.751	ng	99
31) Naphthalene	8.133	128	1871478	38.420	ng	100
32) Benzoic acid	7.869	122	406680	43.806	ng	97
33) 4-Chloroaniline	8.181	127	324782	18.430	ng	99
34) Hexachlorobutadiene	8.251	225	347311	39.939	ng	99
35) Caprolactam	8.539	113	185790	41.934	ng	# 87
36) 4-Chloro-3-methylphenol	8.657	107	534830	36.953	ng	99
37) 2-Methylnaphthalene	8.822	142	1181337	37.909	ng	99
38) 1-Methylnaphthalene	8.922	142	1078280	35.208	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	498129	45.490	ng	99
41) Hexachlorocyclopentadiene	8.975	237	180060	49.619	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	330757	45.384	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	330338	44.299	ng	97
46) 1,1'-Biphenyl	9.286	154	1346246	44.172	ng	99
47) 2-Chloronaphthalene	9.310	162	983525	41.609	ng	99
48) 2-Nitroaniline	9.404	65	305138	49.216	ng	95
49) Acenaphthylene	9.727	152	1463267	43.003	ng	99
50) Dimethylphthalate	9.586	163	1129825	43.154	ng	100
51) 2,6-Dinitrotoluene	9.645	165	233953	44.136	ng	99
52) Acenaphthene	9.898	154	980384	42.619	ng	100
53) 3-Nitroaniline	9.810	138	185508	33.040	ng	# 93
54) 2,4-Dinitrophenol	9.916	184	109267	59.303	ng	# 1
55) Dibenzofuran	10.069	168	1309295	40.500	ng	100
56) 4-Nitrophenol	9.963	139	409421	91.419	ng	97
57) 2,4-Dinitrotoluene	10.045	165	305599	46.888	ng	# 96
58) Fluorene	10.410	166	993584	39.634	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	267746	43.353	ng	# 94
60) Diethylphthalate	10.286	149	1044726	40.420	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	482216	39.976	ng	99
62) 4-Nitroaniline	10.422	138	207328	36.596	ng	96
63) Azobenzene	10.563	77	1119846	41.278	ng	96
65) 4,6-Dinitro-2-methylph...	10.451	198	74407	33.390	ng	# 84
66) n-Nitrosodiphenylamine	10.522	169	868158	44.110	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	301704	44.654	ng	97
68) Hexachlorobenzene	10.957	284	321490	43.152	ng	97
69) Atrazine	11.051	200	297227	54.057	ng	99
70) Pentachlorophenol	11.151	266	429590	92.614	ng	99
71) Phenanthrene	11.374	178	1789273	54.393	ng	100
72) Anthracene	11.427	178	1585309	49.183	ng	99
73) Carbazole	11.580	167	1341811	43.304	ng	100
74) Di-n-butylphthalate	11.916	149	1562182	44.325	ng	100
75) Fluoranthene	12.563	202	1929803	54.091	ng	98
77) Benzidine	12.680	184	524556	56.243	ng	98
78) Pyrene	12.792	202	2108746	54.637	ng	100
80) Butylbenzylphthalate	13.415	149	669375	47.496	ng	98
81) Benzo(a)anthracene	13.980	228	1414336	45.985	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	354245	38.335	ng	99
83) Chrysene	14.015	228	1295005	46.707	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	846793	46.321	ng	100
85) Di-n-octyl phthalate	14.592	149	1308830	49.466	ng	100
87) Indeno(1,2,3-cd)pyrene	16.909	276	1037230	43.970	ng	97
88) Benzo(b)fluoranthene	15.027	252	1060480	40.610	ng	99
89) Benzo(k)fluoranthene	15.057	252	843429	41.209	ng	98
90) Benzo(a)pyrene	15.392	252	990249	48.855	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	832721	43.548	ng	98
92) Benzo(g,h,i)perylene	17.350	276	783171	39.488	ng	98

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

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