

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
 Data File : BF142575.D
 Acq On : 30 May 2025 17:47
 Operator : RC/JU
 Sample : Q2136-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-646-COMP-52MS

Quant Time: May 30 18:36:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	124454	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	475431	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	242703	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	386820	20.000	ng	0.00
76) Chrysene-d12	14.069	240	212085	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	244380	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	850442	115.126	ng	0.02
7) Phenol-d6	6.528	99	962082	108.193	ng	0.00
23) Nitrobenzene-d5	7.463	82	692772	79.456	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	338403	125.628	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1409485	77.928	ng	-0.01
79) Terphenyl-d14	13.010	244	1193056	76.873	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.875	88	109425	37.018	ng	# 83
3) Pyridine	3.575	79	288883	38.377	ng	97
4) n-Nitrosodimethylamine	3.522	42	166592	42.623	ng	93
6) Aniline	6.563	93	198871	16.633	ng	96
8) 2-Chlorophenol	6.687	128	350814	43.601	ng	99
9) Benzaldehyde	6.451	77	111082	20.769	ng	99
10) Phenol	6.545	94	357369	35.717	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	327479	45.468	ng	98
12) 1,3-Dichlorobenzene	6.840	146	361573	40.272	ng	99
13) 1,4-Dichlorobenzene	6.916	146	367181	40.600	ng	99
14) 1,2-Dichlorobenzene	7.069	146	357420	41.302	ng	100
15) Benzyl Alcohol	7.040	79	285775	43.488	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	512639	42.383	ng	98
17) 2-Methylphenol	7.151	107	269382	42.882	ng	100
18) Hexachloroethane	7.410	117	127885	40.496	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	232283	42.149	ng	100
20) 3+4-Methylphenols	7.304	107	324527	40.341	ng	97
22) Acetophenone	7.310	105	460673	43.771	ng	99
24) Nitrobenzene	7.481	77	343282	43.654	ng	99
25) Isophorone	7.722	82	635149	43.571	ng	99
26) 2-Nitrophenol	7.798	139	191951	45.683	ng	96
27) 2,4-Dimethylphenol	7.834	122	320622	43.269	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	399789	43.903	ng	99
29) 2,4-Dichlorophenol	8.040	162	295302	43.821	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	317732	43.445	ng	98
31) Naphthalene	8.204	128	1032597	44.109	ng	100
32) Benzoic acid	7.916	122	78257m	17.349	ng	
33) 4-Chloroaniline	8.251	127	89359m	9.420	ng	
34) Hexachlorobutadiene	8.322	225	193579	42.391	ng	100
35) Caprolactam	8.616	113	71925m	38.003	ng	
36) 4-Chloro-3-methylphenol	8.734	107	295535	42.793	ng	97
37) 2-Methylnaphthalene	8.892	142	635978	43.182	ng	100
38) 1-Methylnaphthalene	8.992	142	653030	42.867	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	323229	46.394	ng	99
41) Hexachlorocyclopentadiene	9.051	237	372659	79.292	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	214598	45.679	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	227005	45.816	ng	98
46) 1,1'-Biphenyl	9.363	154	851230	45.208	ng	100
47) 2-Chloronaphthalene	9.386	162	630060	45.290	ng	99
48) 2-Nitroaniline	9.481	65	187208	46.556	ng	96
49) Acenaphthylene	9.804	152	1056597	44.979	ng	100
50) Dimethylphthalate	9.663	163	733448	45.799	ng	100
51) 2,6-Dinitrotoluene	9.722	165	160757	46.510	ng	99
52) Acenaphthene	9.975	154	647899	45.168	ng	100
53) 3-Nitroaniline	9.886	138	72217	19.129	ng	99
54) 2,4-Dinitrophenol	9.998	184	90906	50.908	ng	92
55) Dibenzofuran	10.145	168	922876	44.709	ng	99
56) 4-Nitrophenol	10.051	139	222884	80.015	ng	98
57) 2,4-Dinitrotoluene	10.128	165	216349	47.929	ng	98
58) Fluorene	10.492	166	707598	44.373	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	183840	44.446	ng	99
60) Diethylphthalate	10.357	149	693528	44.342	ng	100
61) 4-Chlorophenyl-phenyle...	10.481	204	343117	43.800	ng	98
62) 4-Nitroaniline	10.504	138	148490	43.369	ng	97
63) Azobenzene	10.639	77	621944	44.273	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	76704	35.532	ng	99
66) n-Nitrosodiphenylamine	10.598	169	616149	46.558	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	213536	46.686	ng	99
68) Hexachlorobenzene	11.039	284	237061	46.861	ng	98
69) Atrazine	11.122	200	182965	52.059	ng	99
70) Pentachlorophenol	11.233	266	237608	83.193	ng	99
71) Phenanthrene	11.451	178	944210	45.675	ng	100
72) Anthracene	11.504	178	948235	44.945	ng	99
73) Carbazole	11.657	167	827137	45.859	ng	100
74) Di-n-butylphthalate	11.986	149	965813	48.920	ng	100
75) Fluoranthene	12.639	202	863997	44.729	ng	98
77) Benzidine	12.763	184	73986	9.374	ng	99
78) Pyrene	12.869	202	844379	42.679	ng	100
80) Butylbenzylphthalate	13.486	149	312542	57.171	ng	98
81) Benzo(a)anthracene	14.057	228	675809	47.720	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	98903	23.025	ng	98
83) Chrysene	14.098	228	579589	45.546	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	415089	59.313	ng	99
85) Di-n-octyl phthalate	14.657	149	707460	51.700	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	827812	45.121	ng	99
88) Benzo(b)fluoranthene	15.121	252	681568	47.123	ng	98
89) Benzo(k)fluoranthene	15.157	252	608621	44.928	ng	99
90) Benzo(a)pyrene	15.504	252	642562	47.132	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	674007	45.296	ng	99
92) Benzo(g,h,i)perylene	17.539	276	661658	44.457	ng	98

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

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