

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
 Data File : BF143237.D
 Acq On : 24 Jul 2025 16:57
 Operator : RC/JU
 Sample : Q2668-09MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Quant Time: Jul 24 17:50:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	105933	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	357599	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	160447	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	267401	20.000	ng	0.00
76) Chrysene-d12	14.127	240	264998	20.000	ng	0.00
86) Perylene-d12	15.627	264	204763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	544404	81.325	ng	0.01
7) Phenol-d6	6.587	99	664705	78.889	ng	0.00
23) Nitrobenzene-d5	7.516	82	435609	60.721	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	143345	86.482	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	695275	59.264	ng	0.00
79) Terphenyl-d14	13.063	244	723948	40.654	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.881	88	124112	39.183	ng	99
3) Pyridine	3.634	79	323179	39.309	ng	99
4) n-Nitrosodimethylamine	3.575	42	176836	41.660	ng	97
6) Aniline	6.622	93	213039	18.142	ng	100
8) 2-Chlorophenol	6.745	128	263935	37.614	ng	98
9) Benzaldehyde	6.510	77	183407	29.029	ng	98
10) Phenol	6.598	94	339419	36.977	ng	96
11) bis(2-Chloroethyl)ether	6.692	93	270386	38.472	ng	100
12) 1,3-Dichlorobenzene	6.904	146	301471	39.550	ng	99
13) 1,4-Dichlorobenzene	6.981	146	305399	39.784	ng	99
14) 1,2-Dichlorobenzene	7.134	146	284696	38.994	ng	99
15) Benzyl Alcohol	7.098	79	242669	37.719	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	483777	37.107	ng	99
17) 2-Methylphenol	7.210	107	214041	36.279	ng	99
18) Hexachloroethane	7.481	117	105007	39.514	ng	98
19) n-Nitroso-di-n-propyla...	7.363	70	192110	35.538	ng	97
20) 3+4-Methylphenols	7.357	107	258628	36.130	ng	# 80
22) Acetophenone	7.363	105	355695	42.013	ng	# 96
24) Nitrobenzene	7.534	77	289075	43.221	ng	99
25) Isophorone	7.775	82	509824	40.257	ng	100
26) 2-Nitrophenol	7.851	139	128717	44.343	ng	97
27) 2,4-Dimethylphenol	7.886	122	231079	39.054	ng	99
28) bis(2-Chloroethoxy)met...	7.981	93	308494	40.628	ng	100
29) 2,4-Dichlorophenol	8.098	162	193604	38.799	ng	99
30) 1,2,4-Trichlorobenzene	8.181	180	224516	41.648	ng	99
31) Naphthalene	8.263	128	720490	40.911	ng	100
32) Benzoic acid	7.975	122	111740	35.087	ng	98
33) 4-Chloroaniline	8.304	127	105301	14.643	ng	99
34) Hexachlorobutadiene	8.386	225	140723	42.732	ng	99
35) Caprolactam	8.657	113	62210	41.257	ng	98
36) 4-Chloro-3-methylphenol	8.786	107	199076	36.706	ng	97
37) 2-Methylnaphthalene	8.957	142	416640	38.877	ng	99
38) 1-Methylnaphthalene	9.051	142	424318	38.450	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	206178	44.509	ng	99
41) Hexachlorocyclopentadiene	9.110	237	115134	38.199	ng	100
43) 2,4,6-Trichlorophenol	9.228	196	128651	40.129	ng	99

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44) 2,4,5-Trichlorophenol	9.269	196	127754	39.837	ng	98
46) 1,1'-Biphenyl	9.416	154	553242	44.196	ng	100
47) 2-Chloronaphthalene	9.445	162	390312	42.139	ng	99
48) 2-Nitroaniline	9.528	65	130940	45.079	ng	97
49) Acenaphthylene	9.857	152	639224	41.181	ng	99
50) Dimethylphthalate	9.710	163	460881	44.068	ng	99
51) 2,6-Dinitrotoluene	9.769	165	94491	44.413	ng	99
52) Acenaphthene	10.033	154	375561	40.936	ng	99
53) 3-Nitroaniline	9.939	138	70877	28.482	ng	99
54) 2,4-Dinitrophenol	10.039	184	26481	31.839	ng	# 1
55) Dibenzofuran	10.204	168	550960	40.449	ng	99
56) 4-Nitrophenol	10.092	139	163760	88.125	ng	98
57) 2,4-Dinitrotoluene	10.175	165	121982	45.699	ng	94
58) Fluorene	10.545	166	416511	40.743	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	102892	38.733	ng	98
60) Diethylphthalate	10.410	149	451365	43.665	ng	100
61) 4-Chlorophenyl-phenyle...	10.533	204	206490	40.564	ng	97
62) 4-Nitroaniline	10.551	138	78823	36.958	ng	98
63) Azobenzene	10.698	77	481490	44.692	ng	92
65) 4,6-Dinitro-2-methylph...	10.580	198	23751	20.445	ng	99
66) n-Nitrosodiphenylamine	10.651	169	369152	39.205	ng	99
67) 4-Bromophenyl-phenylether	11.027	248	123247	38.675	ng	100
68) Hexachlorobenzene	11.098	284	130254	39.106	ng	99
69) Atrazine	11.175	200	119180	45.911	ng	99
70) Pentachlorophenol	11.286	266	166558	85.032	ng	98
71) Phenanthrene	11.510	178	597323	42.070	ng	100
72) Anthracene	11.563	178	610800	42.181	ng	99
73) Carbazole	11.710	167	594672	47.031	ng	100
74) Di-n-butylphthalate	12.039	149	697807	48.774	ng	100
75) Fluoranthene	12.698	202	714734	54.844	ng	99
77) Benzidine	12.810	184	388621	38.064	ng	99
78) Pyrene	12.927	202	746471	33.006	ng	100
80) Butylbenzylphthalate	13.539	149	324106	46.800	ng	99
81) Benzo(a)anthracene	14.115	228	743164	41.888	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	166422	28.145	ng	99
83) Chrysene	14.151	228	675867	42.370	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	477569	45.560	ng	99
85) Di-n-octyl phthalate	14.715	149	839267	44.171	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	424011	29.367	ng	98
88) Benzo(b)fluoranthene	15.186	252	609415	48.718	ng	99
89) Benzo(k)fluoranthene	15.215	252	575464	51.553	ng	99
90) Benzo(a)pyrene	15.562	252	501437	43.508	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	343981	29.270	ng	99
92) Benzo(g,h,i)perylene	17.627	276	333633	29.348	ng	99

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

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