

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070325\
 Data File : BF142989.D
 Acq On : 03 Jul 2025 10:55
 Operator : RC/JU
 Sample : PB168694BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168694BS

Quant Time: Jul 03 11:18:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	59015	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	219896	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	110519	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	169244	20.000	ng	0.00
76) Chrysene-d12	14.057	240	114618	20.000	ng	0.00
86) Perylene-d12	15.551	264	135774	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	423139	119.376	ng	0.01
7) Phenol-d6	6.510	99	490136	117.203	ng	0.00
23) Nitrobenzene-d5	7.439	82	307041	76.588	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	138939	122.164	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	671177	79.779	ng	-0.01
79) Terphenyl-d14	12.992	244	561947	67.742	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.704	88	47715	33.655	ng	99
3) Pyridine	3.469	79	132101	37.167	ng	98
4) n-Nitrosodimethylamine	3.422	42	73588	40.038	ng	98
6) Aniline	6.534	93	185465	33.330	ng	# 69
8) 2-Chlorophenol	6.663	128	165122	43.185	ng	97
9) Benzaldehyde	6.422	77	68565	27.635	ng	98
10) Phenol	6.522	94	193121	41.545	ng	89
11) bis(2-Chloroethyl)ether	6.610	93	139902	42.109	ng	97
12) 1,3-Dichlorobenzene	6.816	146	182422	42.659	ng	100
13) 1,4-Dichlorobenzene	6.892	146	185372	42.966	ng	100
14) 1,2-Dichlorobenzene	7.045	146	178992	43.740	ng	100
15) Benzyl Alcohol	7.016	79	130136	43.045	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	217628	40.771	ng	86
17) 2-Methylphenol	7.128	107	124493	42.964	ng	99
18) Hexachloroethane	7.386	117	66021	43.750	ng	95
19) n-Nitroso-di-n-propyla...	7.286	70	105313	43.299	ng	97
20) 3+4-Methylphenols	7.281	107	155922	43.158	ng	90
22) Acetophenone	7.281	105	218530	45.066	ng	99
24) Nitrobenzene	7.457	77	158249	43.613	ng	97
25) Isophorone	7.698	82	279888	43.521	ng	99
26) 2-Nitrophenol	7.775	139	90603	45.838	ng	100
27) 2,4-Dimethylphenol	7.810	122	147630	43.119	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	180163	44.065	ng	99
29) 2,4-Dichlorophenol	8.022	162	136936	44.110	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	152696	44.731	ng	99
31) Naphthalene	8.181	128	474067	44.044	ng	100
32) Benzoic acid	7.928	122	64375	36.890	ng	96
33) 4-Chloroaniline	8.228	127	129193	29.519	ng	99
34) Hexachlorobutadiene	8.292	225	95541	45.755	ng	99
35) Caprolactam	8.598	113	36635m	44.721	ng	
36) 4-Chloro-3-methylphenol	8.716	107	132566	42.967	ng	100
37) 2-Methylnaphthalene	8.875	142	295211	44.240	ng	100
38) 1-Methylnaphthalene	8.975	142	303523	43.939	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	151677	46.512	ng	99
41) Hexachlorocyclopentadiene	9.022	237	159259	86.059	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	94222	44.340	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	98787	44.162	ng	98
46) 1,1'-Biphenyl	9.339	154	397819	45.567	ng	100
47) 2-Chloronaphthalene	9.363	162	293722	44.833	ng	99
48) 2-Nitroaniline	9.463	65	79842	43.469	ng	95
49) Acenaphthylene	9.780	152	481682	44.661	ng	99
50) Dimethylphthalate	9.639	163	322225	45.042	ng	100
51) 2,6-Dinitrotoluene	9.704	165	70798	45.063	ng	95
52) Acenaphthene	9.951	154	320524m	48.709	ng	
53) 3-Nitroaniline	9.869	138	52239	30.200	ng	99
54) 2,4-Dinitrophenol	9.986	184	67238	85.472	ng	97
55) Dibenzofuran	10.122	168	419194	44.425	ng	100
56) 4-Nitrophenol	10.039	139	92964	78.504	ng	98
57) 2,4-Dinitrotoluene	10.110	165	93317	44.717	ng	96
58) Fluorene	10.469	166	326251	44.271	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	78199	43.370	ng	96
60) Diethylphthalate	10.333	149	314250	44.801	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	155928	44.341	ng	99
62) 4-Nitroaniline	10.486	138	68167	43.089	ng	98
63) Azobenzene	10.616	77	269537	42.994	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	46445	45.370	ng	98
66) n-Nitrosodiphenylamine	10.574	169	276837	47.197	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	93186	48.379	ng	95
68) Hexachlorobenzene	11.016	284	101543	47.444	ng	99
69) Atrazine	11.104	200	79807	52.689	ng	99
70) Pentachlorophenol	11.216	266	91900	86.170	ng	100
71) Phenanthrene	11.433	178	419673	45.776	ng	100
72) Anthracene	11.486	178	434911	46.255	ng	100
73) Carbazole	11.639	167	373256	46.001	ng	99
74) Di-n-butylphthalate	11.963	149	438865	51.920	ng	100
75) Fluoranthene	12.621	202	399844	45.955	ng	100
77) Benzidine	12.745	184	157448	36.562	ng	99
78) Pyrene	12.851	202	401315	37.354	ng	99
80) Butylbenzylphthalate	13.463	149	165448	53.089	ng	98
81) Benzo(a)anthracene	14.045	228	355412	45.965	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	75988	30.298	ng	98
83) Chrysene	14.080	228	318351	46.140	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	245209	54.687	ng	99
85) Di-n-octyl phthalate	14.639	149	437495	51.745	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	430318	41.610	ng	98
88) Benzo(b)fluoranthene	15.109	252	401978	51.165	ng	100
89) Benzo(k)fluoranthene	15.139	252	319565	43.476	ng	100
90) Benzo(a)pyrene	15.486	252	354840	46.752	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	352639	41.967	ng	98
92) Benzo(g,h,i)perylene	17.533	276	340697	40.661	ng	98

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

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