

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
 Data File : BP025761.D
 Acq On : 16 Sep 2025 17:12
 Operator : CG/JU
 Sample : Q3091-08MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 12/9B-COMPMSD

Quant Time: Sep 16 17:40:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	179876	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	691283	20.000	ng	0.00
39) Acenaphthene-d10	14.377	164	437289	20.000	ng	0.00
64) Phenanthrene-d10	17.177	188	881853	20.000	ng	0.00
76) Chrysene-d12	21.618	240	846750	20.000	ng	-0.02
86) Perylene-d12	24.965	264	959295	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1121672	100.618	ng	0.00
7) Phenol-d6	6.948	99	1457702	98.377	ng	0.00
23) Nitrobenzene-d5	8.895	82	937944	59.850	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	545829	100.073	ng	-0.01
45) 2-Fluorobiphenyl	12.983	172	1930180	58.772	ng	0.00
79) Terphenyl-d14	19.907	244	2998252	63.700	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.307	88	180479	38.574	ng	100
3) Pyridine	3.707	79	495327	38.447	ng	98
4) n-Nitrosodimethylamine	3.613	42	255318	41.998	ng	97
6) Aniline	7.090	93	604493	29.719	ng	99
8) 2-Chlorophenol	7.337	128	548481	44.849	ng	99
9) Benzaldehyde	6.907	77	359235	40.448	ng	100
10) Phenol	6.972	94	702395	44.956	ng	98
11) bis(2-Chloroethyl)ether	7.184	93	537060	42.784	ng	100
12) 1,3-Dichlorobenzene	7.648	146	594499	42.712	ng	99
13) 1,4-Dichlorobenzene	7.790	146	602898	42.523	ng	100
14) 1,2-Dichlorobenzene	8.101	146	574747	41.728	ng	99
15) Benzyl Alcohol	7.995	79	516307	42.168	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.272	45	860655	41.925	ng	99
17) 2-Methylphenol	8.201	107	461529	43.814	ng	99
18) Hexachloroethane	8.819	117	230670	42.594	ng	97
19) n-Nitroso-di-n-propyla...	8.554	70	421255	40.760	ng	99
20) 3+4-Methylphenols	8.525	107	625542	42.402	ng	98
22) Acetophenone	8.572	105	907071	49.101	ng	# 99
24) Nitrobenzene	8.942	77	623312	44.336	ng	98
25) Isophorone	9.466	82	1164637	42.281	ng	100
26) 2-Nitrophenol	9.642	139	296922	47.569	ng	96
27) 2,4-Dimethylphenol	9.713	122	496004	45.296	ng	96
28) bis(2-Chloroethoxy)met...	9.931	93	711957	44.714	ng	99
29) 2,4-Dichlorophenol	10.183	162	512227	46.915	ng	98
30) 1,2,4-Trichlorobenzene	10.389	180	546116	44.383	ng	99
31) Naphthalene	10.572	128	1632914	43.808	ng	99
32) Benzoic acid	9.883	122	449662	55.232	ng	100
33) 4-Chloroaniline	10.683	127	293980	18.922	ng	98
34) Hexachlorobutadiene	10.854	225	356533	45.011	ng	99
35) Caprolactam	11.478	113	175994	41.816	ng	98
36) 4-Chloro-3-methylphenol	11.819	107	569288	43.735	ng	95
37) 2-Methylnaphthalene	12.178	142	1039733	43.430	ng	99
38) 1-Methylnaphthalene	12.395	142	1054448	41.303	ng	99
40) 1,2,4,5-Tetrachloroben...	12.554	216	677391	51.120	ng	99
41) Hexachlorocyclopentadiene	12.536	237	702762	97.376	ng	99
43) 2,4,6-Trichlorophenol	12.801	196	427884	49.119	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.883	196	471307	48.614	ng	97
46) 1,1'-Biphenyl	13.201	154	1614743	50.308	ng	100
47) 2-Chloronaphthalene	13.242	162	1141445	45.164	ng	98
48) 2-Nitroaniline	13.448	65	388708	46.139	ng	98
49) Acenaphthylene	14.095	152	1903984	45.468	ng	99
50) Dimethylphthalate	13.830	163	1473237	44.128	ng	100
51) 2,6-Dinitrotoluene	13.948	165	322199	45.552	ng	96
52) Acenaphthene	14.436	154	1062632	44.003	ng	99
53) 3-Nitroaniline	14.289	138	215255	28.940	ng	97
54) 2,4-Dinitrophenol	14.495	184	395770	85.693	ng	98
55) Dibenzofuran	14.777	168	1703905	43.292	ng	99
56) 4-Nitrophenol	14.624	139	565722	87.853	ng	97
57) 2,4-Dinitrotoluene	14.748	165	456002	45.300	ng	95
58) Fluorene	15.442	166	1358020	43.391	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.024	232	400148	45.818	ng	98
60) Diethylphthalate	15.213	149	1580309	46.665	ng	100
61) 4-Chlorophenyl-phenyle...	15.430	204	677915	42.980	ng	98
62) 4-Nitroaniline	15.471	138	339876	44.603	ng	98
63) Azobenzene	15.736	77	1572908	48.035	ng	99
65) 4,6-Dinitro-2-methylph...	15.530	198	271590	46.310	ng	98
66) n-Nitrosodiphenylamine	15.654	169	1228604	45.526	ng	100
67) 4-Bromophenyl-phenylether	16.354	248	442811	45.708	ng	98
68) Hexachlorobenzene	16.471	284	485416	44.931	ng	94
69) Atrazine	16.636	200	483880	46.907	ng	99
70) Pentachlorophenol	16.824	266	658431	92.342	ng	98
71) Phenanthrene	17.224	178	2204968	44.078	ng	99
72) Anthracene	17.318	178	2259911	44.525	ng	99
73) Carbazole	17.595	167	2070101	43.870	ng	100
74) Di-n-butylphthalate	18.189	149	2751932	47.523	ng	100
75) Fluoranthene	19.307	202	2562457	42.712	ng	99
77) Benzidine	19.507	184	1178587	48.321	ng	99
78) Pyrene	19.683	202	2646405	46.839	ng	99
80) Butylbenzylphthalate	20.630	149	1225026	49.450	ng	97
81) Benzo(a)anthracene	21.595	228	2572538	44.377	ng	100
82) 3,3'-Dichlorobenzidine	21.518	252	609551	30.410	ng	99
83) Chrysene	21.665	228	2487592	45.016	ng	100
84) Bis(2-ethylhexyl)phtha...	21.536	149	1863375	51.412	ng	100
85) Di-n-octyl phthalate	22.806	149	3061862	47.492	ng	100
87) Indeno(1,2,3-cd)pyrene	28.794	276	3239943	46.443	ng	# 84
88) Benzo(b)fluoranthene	23.918	252	2639265	44.990	ng	100
89) Benzo(k)fluoranthene	23.983	252	2640237	44.106	ng	99
90) Benzo(a)pyrene	24.812	252	2563636	44.625	ng	99
91) Dibenzo(a,h)anthracene	28.871	278	2652834	46.469	ng	99
92) Benzo(g,h,i)perylene	29.982	276	2639054	47.006	ng	98

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

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