

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025489.D
 Acq On : 20 Aug 2025 01:07
 Operator : CG/JU
 Sample : PB169242BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169242BS

Quant Time: Aug 20 02:27:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	125615	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	505871	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	363724	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	785967	20.000	ng	-0.01
76) Chrysene-d12	21.625	240	837525	20.000	ng	-0.02
86) Perylene-d12	24.989	264	883653	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1016778	134.424	ng	0.00
7) Phenol-d6	6.972	99	1302531	134.314	ng	0.00
23) Nitrobenzene-d5	8.931	82	838338	83.831	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	711475	145.325	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2044889	76.836	ng	0.00
79) Terphenyl-d14	19.901	244	3953214	86.358	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.331	88	100520	33.927	ng	97
3) Pyridine	3.731	79	298101	36.760	ng	98
4) n-Nitrosodimethylamine	3.631	42	161754	48.382	ng	91
6) Aniline	7.125	93	519797	39.782	ng	99
8) 2-Chlorophenol	7.366	128	417455	48.907	ng	98
9) Benzaldehyde	6.943	77	192102	28.274	ng	99
10) Phenol	7.002	94	503580	49.488	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	362223	45.670	ng	99
12) 1,3-Dichlorobenzene	7.684	146	425265	45.184	ng	99
13) 1,4-Dichlorobenzene	7.831	146	433606	45.073	ng	99
14) 1,2-Dichlorobenzene	8.143	146	419293	45.026	ng	98
15) Benzyl Alcohol	8.031	79	371563	48.221	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.308	45	499110	46.976	ng	99
17) 2-Methylphenol	8.231	107	347697	49.197	ng	97
18) Hexachloroethane	8.866	117	160973	45.510	ng	95
19) n-Nitroso-di-n-propyla...	8.590	70	289898	45.130	ng	97
20) 3+4-Methylphenols	8.549	107	483810	49.386	ng	98
22) Acetophenone	8.602	105	606991	47.846	ng	98
24) Nitrobenzene	8.972	77	430234	48.138	ng	97
25) Isophorone	9.502	82	843994	47.689	ng	99
26) 2-Nitrophenol	9.678	139	223852	48.804	ng	97
27) 2,4-Dimethylphenol	9.743	122	400946	50.831	ng	97
28) bis(2-Chloroethoxy)met...	9.972	93	505254	47.229	ng	98
29) 2,4-Dichlorophenol	10.213	162	404232	51.589	ng	98
30) 1,2,4-Trichlorobenzene	10.425	180	401415	46.732	ng	99
31) Naphthalene	10.613	128	1244457	47.331	ng	100
32) Benzoic acid	9.890	122	331854	56.986	ng	98
33) 4-Chloroaniline	10.713	127	401484	34.569	ng	99
34) Hexachlorobutadiene	10.902	225	251210	46.960	ng	99
35) Caprolactam	11.502	113	165373	57.557	ng	97
36) 4-Chloro-3-methylphenol	11.843	107	489388	54.429	ng	98
37) 2-Methylnaphthalene	12.213	142	816767	47.734	ng	98
38) 1-Methylnaphthalene	12.437	142	875005	48.086	ng	100
40) 1,2,4,5-Tetrachloroben...	12.584	216	466718	44.429	ng	99
41) Hexachlorocyclopentadiene	12.572	237	547819	86.335	ng	100
43) 2,4,6-Trichlorophenol	12.825	196	351027	49.497	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	398379	51.255	ng	100
46) 1,1'-Biphenyl	13.231	154	1213211	45.928	ng	99
47) 2-Chloronaphthalene	13.266	162	928328	45.143	ng	100
48) 2-Nitroaniline	13.466	65	331140	55.264	ng	98
49) Acenaphthylene	14.119	152	1618996	47.578	ng	100
50) Dimethylphthalate	13.854	163	1356557	50.931	ng	99
51) 2,6-Dinitrotoluene	13.966	165	300006	53.440	ng	98
52) Acenaphthene	14.466	154	940183	47.071	ng	100
53) 3-Nitroaniline	14.296	138	256549	40.618	ng	97
54) 2,4-Dinitrophenol	14.513	184	376459	125.571	ng	95
55) Dibenzofuran	14.801	168	1506121	47.694	ng	98
56) 4-Nitrophenol	14.619	139	597756	115.169	ng	91
57) 2,4-Dinitrotoluene	14.766	165	460365	57.476	ng	97
58) Fluorene	15.460	166	1219615	48.945	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.031	232	366949	53.468	ng	98
60) Diethylphthalate	15.237	149	1431889	52.907	ng	98
61) 4-Chlorophenyl-phenyle...	15.454	204	595570	48.058	ng	97
62) 4-Nitroaniline	15.472	138	345776	53.400	ng	93
63) Azobenzene	15.748	77	1241428	53.570	ng	98
65) 4,6-Dinitro-2-methylph...	15.537	198	263835	53.851	ng	93
66) n-Nitrosodiphenylamine	15.672	169	1153302	48.120	ng	99
67) 4-Bromophenyl-phenylether	16.360	248	404681	46.815	ng	97
68) Hexachlorobenzene	16.484	284	477945	47.697	ng	97
69) Atrazine	16.637	200	464200	51.717	ng	97
70) Pentachlorophenol	16.837	266	678508	107.267	ng	98
71) Phenanthrene	17.237	178	2106985	48.800	ng	100
72) Anthracene	17.319	178	2136608	48.459	ng	99
73) Carbazole	17.601	167	2120545	51.060	ng	99
74) Di-n-butylphthalate	18.195	149	2680990	52.470	ng	99
75) Fluoranthene	19.307	202	2590995	50.309	ng	99
77) Benzidine	19.495	184	1477006	51.674	ng	100
78) Pyrene	19.683	202	2692453	49.460	ng	99
80) Butylbenzylphthalate	20.630	149	1285781	52.116	ng	100
81) Benzo(a)anthracene	21.607	228	2778617	50.305	ng	100
82) 3,3'-Dichlorobenzidine	21.519	252	778549	37.395	ng	99
83) Chrysene	21.672	228	2595574	50.178	ng	99
84) Bis(2-ethylhexyl)phtha...	21.542	149	1893639	52.141	ng	100
85) Di-n-octyl phthalate	22.842	149	3252836	52.072	ng	98
87) Indeno(1,2,3-cd)pyrene	28.824	276	3313996	51.139	ng	97
88) Benzo(b)fluoranthene	23.930	252	2770744	53.175	ng	99
89) Benzo(k)fluoranthene	24.007	252	2746666	52.677	ng	99
90) Benzo(a)pyrene	24.836	252	2643770	52.123	ng	99
91) Dibenzo(a,h)anthracene	28.907	278	2719515	51.352	ng	98
92) Benzo(g,h,i)perylene	30.001	276	2689664	51.668	ng	99

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

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