

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
 Data File : BP024689.D
 Acq On : 19 May 2025 14:50
 Operator : RC/JU
 Sample : PB168041BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168041BS

Quant Time: May 19 18:58:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	179011	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	689037	20.000	ng	0.00
39) Acenaphthene-d10	14.286	164	377539	20.000	ng	-0.02
64) Phenanthrene-d10	17.080	188	631736	20.000	ng	-0.02
76) Chrysene-d12	21.521	240	602821	20.000	ng	0.00
86) Perylene-d12	24.809	264	805398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1357920	129.743	ng	0.00
7) Phenol-d6	6.869	99	1613484	120.790	ng	0.02
23) Nitrobenzene-d5	8.810	82	1011092	74.142	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	776691	121.351	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	2385462	82.780	ng	-0.01
79) Terphenyl-d14	19.810	244	2900273	82.497	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	161486	32.858	ng	98
3) Pyridine	3.622	79	392111	35.982	ng	96
4) n-Nitrosodimethylamine	3.534	42	195637	40.665	ng	94
6) Aniline	6.999	93	494103	28.650	ng	100
8) 2-Chlorophenol	7.240	128	516315	43.456	ng	99
9) Benzaldehyde	6.810	77	287824	33.286	ng	99
10) Phenol	6.893	94	577541	41.891	ng	99
11) bis(2-Chloroethyl)ether	7.093	93	430407	37.993	ng	99
12) 1,3-Dichlorobenzene	7.546	146	562962	41.183	ng	99
13) 1,4-Dichlorobenzene	7.693	146	568126	41.323	ng	99
14) 1,2-Dichlorobenzene	8.004	146	542120	40.466	ng	98
15) Benzyl Alcohol	7.910	79	410902	40.480	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.175	45	506871	37.361	ng	98
17) 2-Methylphenol	8.116	107	400886	40.541	ng	99
18) Hexachloroethane	8.722	117	213500	40.524	ng	97
19) n-Nitroso-di-n-propyla...	8.457	70	326925	35.381	ng	99
20) 3+4-Methylphenols	8.446	107	536209	39.864	ng	97
22) Acetophenone	8.475	105	716343	41.619	ng	99
24) Nitrobenzene	8.851	77	498515	41.540	ng	95
25) Isophorone	9.375	82	894332	37.807	ng	98
26) 2-Nitrophenol	9.551	139	270571	46.011	ng	98
27) 2,4-Dimethylphenol	9.628	122	446622	43.076	ng	99
28) bis(2-Chloroethoxy)met...	9.846	93	563242	39.854	ng	99
29) 2,4-Dichlorophenol	10.104	162	447514	44.541	ng	98
30) 1,2,4-Trichlorobenzene	10.287	180	497228	43.916	ng	97
31) Naphthalene	10.481	128	1508450	42.246	ng	100
32) Benzoic acid	9.816	122	254266	37.214	ng	99
33) 4-Chloroaniline	10.598	127	240561	16.696	ng	98
34) Hexachlorobutadiene	10.763	225	324047	44.181	ng	99
35) Caprolactam	11.398	113	121891	33.532	ng	97
36) 4-Chloro-3-methylphenol	11.745	107	474335	38.713	ng	98
37) 2-Methylnaphthalene	12.087	142	933364	40.370	ng	98
38) 1-Methylnaphthalene	12.310	142	976101	39.457	ng	100
40) 1,2,4,5-Tetrachloroben...	12.463	216	541911	49.430	ng	100
41) Hexachlorocyclopentadiene	12.440	237	708183	106.529	ng	96
43) 2,4,6-Trichlorophenol	12.716	196	343683	48.399	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	362987	45.922	ng	98
46) 1,1'-Biphenyl	13.110	154	1295311	46.420	ng	100
47) 2-Chloronaphthalene	13.151	162	989216	46.494	ng	99
48) 2-Nitroaniline	13.369	65	257122	40.819	ng	95
49) Acenaphthylene	14.004	152	1549623	43.522	ng	99
50) Dimethylphthalate	13.745	163	1161487	40.363	ng	100
51) 2,6-Dinitrotoluene	13.869	165	252252	41.507	ng	96
52) Acenaphthene	14.351	154	883211	43.149	ng	99
53) 3-Nitroaniline	14.204	138	129590	20.883	ng	98
54) 2,4-Dinitrophenol	14.422	184	283716	74.510	ng	97
55) Dibenzofuran	14.692	168	1388976	42.542	ng	99
56) 4-Nitrophenol	14.569	139	333127	62.960	ng	98
57) 2,4-Dinitrotoluene	14.669	165	342662	39.993	ng	99
58) Fluorene	15.351	166	1094155	41.100	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	299203	40.805	ng	98
60) Diethylphthalate	15.122	149	1110914	38.196	ng	99
61) 4-Chlorophenyl-phenyle...	15.345	204	552635	41.625	ng	99
62) 4-Nitroaniline	15.386	138	207218	34.584	ng	99
63) Azobenzene	15.645	77	989411	39.766	ng	98
65) 4,6-Dinitro-2-methylph...	15.451	198	188204	46.122	ng	97
66) n-Nitrosodiphenylamine	15.569	169	927174	47.782	ng	98
67) 4-Bromophenyl-phenylether	16.257	248	364435	48.957	ng	97
68) Hexachlorobenzene	16.375	284	460798	48.715	ng	97
69) Atrazine	16.545	200	314166	44.179	ng	100
70) Pentachlorophenol	16.739	266	504633	95.038	ng	98
71) Phenanthrene	17.128	178	1556680	44.326	ng	99
72) Anthracene	17.216	178	1576828	44.627	ng	99
73) Carbazole	17.510	167	1361201	42.563	ng	100
74) Di-n-butylphthalate	18.092	149	1762481	42.852	ng	100
75) Fluoranthene	19.216	202	1678461	40.886	ng	99
77) Benzidine	19.427	184	665703	40.546	ng	99
78) Pyrene	19.592	202	1692845	46.868	ng	100
80) Butylbenzylphthalate	20.545	149	745149	46.387	ng	95
81) Benzo(a)anthracene	21.504	228	1717345	45.370	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	502204	35.721	ng	99
83) Chrysene	21.574	228	1615533	45.023	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1083795	45.902	ng	100
85) Di-n-octyl phthalate	22.686	149	1933782	50.084	ng	100
87) Indeno(1,2,3-cd)pyrene	28.556	276	3000018	51.022	ng	96
88) Benzo(b)fluoranthene	23.768	252	2033252	44.105	ng	99
89) Benzo(k)fluoranthene	23.833	252	2017301	42.467	ng	100
90) Benzo(a)pyrene	24.657	252	2026541	45.772	ng	98
91) Dibenzo(a,h)anthracene	28.621	278	2474876	51.738	ng	99
92) Benzo(g,h,i)perylene	29.692	276	2453442	51.576	ng	99

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

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