

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100825\
 Data File : BP025953.D
 Acq On : 08 Oct 2025 14:45
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 08 16:22:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 08 16:22:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	216098	20.000	ng	0.00
21) Naphthalene-d8	10.490	136	859650	20.000	ng	0.00
39) Acenaphthene-d10	14.337	164	562101	20.000	ng	0.00
64) Phenanthrene-d10	17.131	188	1138497	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1136468	20.000	ng	0.00
86) Perylene-d12	24.919	264	1267142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.372	112	1091586	82.446	ng	0.00
7) Phenol-d6	6.937	99	1430946	81.842	ng	0.00
23) Nitrobenzene-d5	8.878	82	1548442	80.616	ng	0.00
42) 2,4,6-Tribromophenol	15.854	330	626685	89.275	ng	0.00
45) 2-Fluorobiphenyl	12.949	172	3380293	80.784	ng	0.00
79) Terphenyl-d14	19.854	244	5269089	83.601	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.296	88	201395	36.635	ng	96
3) Pyridine	3.696	79	588867	38.832	ng	95
4) n-Nitrosodimethylamine	3.608	42	255085	36.092	ng	90
6) Aniline	7.072	93	937375	39.201	ng	99
8) 2-Chlorophenol	7.314	128	604834	41.643	ng	98
9) Benzaldehyde	6.896	77	556868	48.788	ng	97
10) Phenol	6.961	94	742589	40.379	ng	99
11) bis(2-Chloroethyl)ether	7.167	93	579551	39.292	ng	95
12) 1,3-Dichlorobenzene	7.625	146	669157	40.486	ng	96
13) 1,4-Dichlorobenzene	7.766	146	679382	40.316	ng	99
14) 1,2-Dichlorobenzene	8.078	146	650074	39.840	ng	99
15) Benzyl Alcohol	7.978	79	579734	40.243	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.243	45	843933	35.418	ng	97
17) 2-Methylphenol	8.190	107	503080	40.518	ng	99
18) Hexachloroethane	8.790	117	255478	39.795	ng	99
19) n-Nitroso-di-n-propyla...	8.531	70	465334	38.496	ng	94
20) 3+4-Methylphenols	8.514	107	674753	39.094	ng	98
22) Acetophenone	8.549	105	931640	41.064	ng	# 97
24) Nitrobenzene	8.919	77	692635	40.268	ng	98
25) Isophorone	9.443	82	1326087	39.340	ng	99
26) 2-Nitrophenol	9.625	139	344916	44.507	ng	92
27) 2,4-Dimethylphenol	9.690	122	540997	40.484	ng	100
28) bis(2-Chloroethoxy)met...	9.902	93	791626	40.456	ng	99
29) 2,4-Dichlorophenol	10.172	162	567752	42.175	ng	98
30) 1,2,4-Trichlorobenzene	10.360	180	626908	41.195	ng	97
31) Naphthalene	10.543	128	1833477	39.982	ng	100
32) Benzoic acid	9.908	122	399016	40.238	ng	98
33) 4-Chloroaniline	10.660	127	793163	41.698	ng	99
34) Hexachlorobutadiene	10.813	225	414298	42.095	ng	99
35) Caprolactam	11.478	113	246700	46.406	ng	94
36) 4-Chloro-3-methylphenol	11.807	107	646399	40.523	ng	97
37) 2-Methylnaphthalene	12.149	142	1172983	39.936	ng	98
38) 1-Methylnaphthalene	12.366	142	1236768	39.570	ng	99
40) 1,2,4,5-Tetrachloroben...	12.519	216	735591	43.242	ng	99
41) Hexachlorocyclopentadiene	12.490	237	454820	48.428	ng	100
43) 2,4,6-Trichlorophenol	12.778	196	480120	43.162	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.872	196	526814	42.715	ng	95
46) 1,1'-Biphenyl	13.160	154	1658849	40.649	ng	99
47) 2-Chloronaphthalene	13.207	162	1319767	40.959	ng	99
48) 2-Nitroaniline	13.425	65	435970	41.033	ng	97
49) Acenaphthylene	14.060	152	2131716	40.087	ng	100
50) Dimethylphthalate	13.796	163	1705930	40.285	ng	100
51) 2,6-Dinitrotoluene	13.919	165	380959	42.261	ng	91
52) Acenaphthene	14.401	154	1227513	40.076	ng	99
53) 3-Nitroaniline	14.266	138	407180	43.163	ng	100
54) 2,4-Dinitrophenol	14.490	184	235241	42.201	ng	98
55) Dibenzofuran	14.743	168	1964832	39.382	ng	99
56) 4-Nitrophenol	14.631	139	332920	42.881	ng	95
57) 2,4-Dinitrotoluene	14.725	165	538638	42.175	ng	97
58) Fluorene	15.401	166	1572977	39.680	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.990	232	460600	41.576	ng	96
60) Diethylphthalate	15.166	149	1720558	39.944	ng	100
61) 4-Chlorophenyl-phenyle...	15.390	204	822351	40.863	ng	97
62) 4-Nitroaniline	15.448	138	387169	40.523	ng	96
63) Azobenzene	15.690	77	1600356	38.833	ng	96
65) 4,6-Dinitro-2-methylph...	15.507	198	352822	46.347	ng	89
66) n-Nitrosodiphenylamine	15.613	169	1422403	41.202	ng	100
67) 4-Bromophenyl-phenylether	16.301	248	536742	42.973	ng	99
68) Hexachlorobenzene	16.431	284	606784	43.358	ng	# 89
69) Atrazine	16.595	200	546614	41.541	ng	98
70) Pentachlorophenol	16.795	266	342851	38.372	ng	98
71) Phenanthrene	17.178	178	2536106	39.764	ng	99
72) Anthracene	17.272	178	2610767	40.293	ng	99
73) Carbazole	17.560	167	2354662	39.380	ng	100
74) Di-n-butylphthalate	18.131	149	3001910	40.683	ng	99
75) Fluoranthene	19.266	202	2999110	39.256	ng	99
77) Benzidine	19.466	184	1484408	45.337	ng	100
78) Pyrene	19.642	202	3102304	41.200	ng	99
80) Butylbenzylphthalate	20.578	149	1364968	41.521	ng	99
81) Benzo(a)anthracene	21.554	228	3056944	39.737	ng	100
82) 3,3'-Dichlorobenzidine	21.472	252	1150231	42.943	ng	99
83) Chrysene	21.625	228	2924708	39.820	ng	99
84) Bis(2-ethylhexyl)phtha...	21.466	149	1909177	39.946	ng	99
85) Di-n-octyl phthalate	22.730	149	3557840	41.594	ng	97
87) Indeno(1,2,3-cd)pyrene	28.730	276	3735979	41.035	ng	# 85
88) Benzo(b)fluoranthene	23.848	252	3029389	39.747	ng	99
89) Benzo(k)fluoranthene	23.913	252	3044027	39.125	ng	99
90) Benzo(a)pyrene	24.754	252	3009372	40.233	ng	99
91) Dibenzo(a,h)anthracene	28.783	278	3066212	41.091	ng	99
92) Benzo(g,h,i)perylene	29.901	276	3000034	40.870	ng	98

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

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