

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
 Data File : BP024551.D
 Acq On : 06 May 2025 17:48
 Operator : RC/JU
 Sample : Q1956-03MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB2-4-5MS

Quant Time: May 06 18:10:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	162516	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	676019	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	432416	20.000	ng	-0.01
64) Phenanthrene-d10	17.133	188	848825	20.000	ng	#-0.01
76) Chrysene-d12	21.586	240	867916	20.000	ng	0.00
86) Perylene-d12	24.921	264	1020858	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1083425	110.229	ng	-0.02
7) Phenol-d6	6.898	99	1403610	104.292	ng	-0.01
23) Nitrobenzene-d5	8.857	82	854525	72.078	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	788779	131.843	ng	-0.01
45) 2-Fluorobiphenyl	12.939	172	1954117	69.192	ng	-0.02
79) Terphenyl-d14	19.863	244	3054230	70.931	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	158858	38.211	ng	# 94
3) Pyridine	3.669	79	406163	36.998	ng	93
4) n-Nitrosodimethylamine	3.581	42	180270	49.479	ng	80
6) Aniline	7.046	93	508231	42.260	ng	96
8) 2-Chlorophenol	7.281	128	530598	48.351	ng	100
9) Benzaldehyde	6.857	77	212625	31.938	ng	98
10) Phenol	6.922	94	638592	47.300	ng	91
11) bis(2-Chloroethyl)ether	7.140	93	465847	42.826	ng	100
12) 1,3-Dichlorobenzene	7.593	146	538612	45.591	ng	98
13) 1,4-Dichlorobenzene	7.740	146	546736	45.611	ng	99
14) 1,2-Dichlorobenzene	8.051	146	530369	45.821	ng	98
15) Benzyl Alcohol	7.951	79	440025	50.556	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.222	45	520219	44.245	ng	99
17) 2-Methylphenol	8.157	107	445445	51.003	ng	97
18) Hexachloroethane	8.769	117	205301	47.392	ng	98
19) n-Nitroso-di-n-propyla...	8.504	70	355703	42.721	ng	94
20) 3+4-Methylphenols	8.481	107	603077	49.765	ng	98
22) Acetophenone	8.522	105	752086	44.949	ng	# 96
24) Nitrobenzene	8.898	77	543963	46.381	ng	99
25) Isophorone	9.416	82	1024715	47.751	ng	98
26) 2-Nitrophenol	9.598	139	289472	50.435	ng	# 93
27) 2,4-Dimethylphenol	9.669	122	501358	69.569	ng	98
28) bis(2-Chloroethoxy)met...	9.892	93	624322	43.067	ng	99
29) 2,4-Dichlorophenol	10.145	162	503469	51.237	ng	99
30) 1,2,4-Trichlorobenzene	10.339	180	499312	47.427	ng	99
31) Naphthalene	10.528	128	1570867	44.113	ng	99
32) Benzoic acid	9.834	122	350764	41.771	ng	98
33) 4-Chloroaniline	10.645	127	322028	25.679	ng	97
34) Hexachlorobutadiene	10.810	225	315404	50.982	ng	99
35) Caprolactam	11.439	113	175233	48.331	ng	97
36) 4-Chloro-3-methylphenol	11.781	107	585188	51.129	ng	98
37) 2-Methylnaphthalene	12.139	142	1020073	41.305	ng	97
38) 1-Methylnaphthalene	12.357	142	1076263	44.548	ng	98
40) 1,2,4,5-Tetrachloroben...	12.510	216	575732	48.415	ng	99
41) Hexachlorocyclopentadiene	12.492	237	632155	150.309	ng	98
43) 2,4,6-Trichlorophenol	12.763	196	411666	52.069	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	461673	52.733	ng	98
46) 1,1'-Biphenyl	13.163	154	1461354	45.976	ng	98
47) 2-Chloronaphthalene	13.204	162	1114576	46.919	ng	98
48) 2-Nitroaniline	13.416	65	353316	53.022	ng	96
49) Acenaphthylene	14.057	152	1889705	50.525	ng	99
50) Dimethylphthalate	13.798	163	1494426	47.523	ng	100
51) 2,6-Dinitrotoluene	13.916	165	329135	49.290	ng	95
52) Acenaphthene	14.404	154	1081628	45.617	ng	98
53) 3-Nitroaniline	14.251	138	325726	46.412	ng	98
54) 2,4-Dinitrophenol	14.469	184	387344	98.477	ng	90
55) Dibenzofuran	14.745	168	1718937	44.351	ng	96
56) 4-Nitrophenol	14.586	139	608126	100.330	ng	88
57) 2,4-Dinitrotoluene	14.716	165	475616	52.214	ng	98
58) Fluorene	15.404	166	1395185	46.501	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.980	232	402043	49.790	ng	# 97
60) Diethylphthalate	15.175	149	1506873	46.500	ng	99
61) 4-Chlorophenyl-phenyle...	15.398	204	696326	47.792	ng	98
62) 4-Nitroaniline	15.433	138	365589	49.208	ng	84
63) Azobenzene	15.698	77	1356084	45.530	ng	96
65) 4,6-Dinitro-2-methylph...	15.492	198	250062	46.727	ng	96
66) n-Nitrosodiphenylamine	15.622	169	1230658	48.575	ng	99
67) 4-Bromophenyl-phenylether	16.310	248	471643	50.805	ng	99
68) Hexachlorobenzene	16.427	284	580819	52.652	ng	100
69) Atrazine	16.592	200	434806	67.383	ng	98
70) Pentachlorophenol	16.786	266	787505	102.330	ng	99
71) Phenanthrene	17.180	178	2187622	47.243	ng	99
72) Anthracene	17.274	178	2251877	50.458	ng	99
73) Carbazole	17.563	167	2107444	48.329	ng	99
74) Di-n-butylphthalate	18.139	149	2715929	49.992	ng	99
75) Fluoranthene	19.268	202	2596718	47.151	ng	97
77) Benzidine	19.474	184	1123745	102.144	ng	98
78) Pyrene	19.645	202	2645299	47.959	ng	99
80) Butylbenzylphthalate	20.598	149	1243545	52.637	ng	95
81) Benzo(a)anthracene	21.568	228	2638502	48.910	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	724444	38.261	ng	99
83) Chrysene	21.639	228	2390595	46.255	ng	100
84) Bis(2-ethylhexyl)phtha...	21.498	149	1751888	50.584	ng	99
85) Di-n-octyl phthalate	22.774	149	2905339	51.601	ng	100
87) Indeno(1,2,3-cd)pyrene	28.709	276	3656427	51.592	ng	97
88) Benzo(b)fluoranthene	23.874	252	2784618	45.507	ng	98
89) Benzo(k)fluoranthene	23.945	252	2754953	46.609	ng	98
90) Benzo(a)pyrene	24.768	252	2723040	51.589	ng	# 98
91) Dibenzo(a,h)anthracene	28.791	278	2983539	50.718	ng	97
92) Benzo(g,h,i)perylene	29.886	276	2912409	48.640	ng	96

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

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