

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024703.D
 Acq On : 20 May 2025 11:52
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: May 20 12:59:30 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	123667	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	504753	20.000	ng	0.00
39) Acenaphthene-d10	14.287	164	316846	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	620396	20.000	ng	-0.02
76) Chrysene-d12	21.516	240	679929	20.000	ng	0.00
86) Perylene-d12	24.798	264	792201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	558471	77.239	ng	0.00
7) Phenol-d6	6.858	99	697511	75.586	ng	0.00
23) Nitrobenzene-d5	8.804	82	758074	75.884	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	441081	82.116	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1916443	79.243	ng	-0.01
79) Terphenyl-d14	19.810	244	3174042	80.045	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.222	88	121113	35.672	ng	99
3) Pyridine	3.622	79	281565	37.400	ng	98
4) n-Nitrosodimethylamine	3.528	42	126280	37.995	ng	94
6) Aniline	6.999	93	436222	36.614	ng	99
8) 2-Chlorophenol	7.234	128	316592	38.571	ng	98
9) Benzaldehyde	6.810	77	218883	36.642	ng	99
10) Phenol	6.887	94	350820	36.834	ng	96
11) bis(2-Chloroethyl)ether	7.093	93	275441	35.195	ng	98
12) 1,3-Dichlorobenzene	7.546	146	358557	37.969	ng	99
13) 1,4-Dichlorobenzene	7.693	146	361848	38.098	ng	100
14) 1,2-Dichlorobenzene	8.005	146	350515	37.873	ng	99
15) Benzyl Alcohol	7.905	79	266818	38.049	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.181	45	331428	35.362	ng	99
17) 2-Methylphenol	8.116	107	252873	37.017	ng	97
18) Hexachloroethane	8.716	117	134692	37.007	ng	95
19) n-Nitroso-di-n-propyla...	8.457	70	226226	35.440	ng	99
20) 3+4-Methylphenols	8.440	107	341536	36.755	ng	99
22) Acetophenone	8.475	105	475992	37.752	ng	# 99
24) Nitrobenzene	8.846	77	332647	37.838	ng	96
25) Isophorone	9.369	82	630069	36.360	ng	98
26) 2-Nitrophenol	9.552	139	180007	41.786	ng	99
27) 2,4-Dimethylphenol	9.622	122	298599	39.314	ng	99
28) bis(2-Chloroethoxy)met...	9.840	93	370445	35.782	ng	100
29) 2,4-Dichlorophenol	10.104	162	291338	39.583	ng	96
30) 1,2,4-Trichlorobenzene	10.287	180	329782	39.761	ng	95
31) Naphthalene	10.475	128	1004479	38.402	ng	99
32) Benzoic acid	9.793	122	177252	35.775	ng	96
33) 4-Chloroaniline	10.593	127	412703	39.100	ng	99
34) Hexachlorobutadiene	10.757	225	213441	39.725	ng	97
35) Caprolactam	11.393	113	99335	37.303	ng	99
36) 4-Chloro-3-methylphenol	11.740	107	340527	37.939	ng	97
37) 2-Methylnaphthalene	12.087	142	640384	37.810	ng	99
38) 1-Methylnaphthalene	12.310	142	679915	37.519	ng	100
40) 1,2,4,5-Tetrachloroben...	12.463	216	369584	40.169	ng	99
41) Hexachlorocyclopentadiene	12.440	237	222383	39.860	ng	97
43) 2,4,6-Trichlorophenol	12.716	196	243302	40.826	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.810	196	270865	40.832	ng	97
46) 1,1'-Biphenyl	13.110	154	899673	38.417	ng	99
47) 2-Chloronaphthalene	13.151	162	695128	38.930	ng	99
48) 2-Nitroaniline	13.363	65	203001	38.400	ng	98
49) Acenaphthylene	14.004	152	1135762	38.009	ng	100
50) Dimethylphthalate	13.751	163	895032	37.061	ng	100
51) 2,6-Dinitrotoluene	13.869	165	197446	38.712	ng	98
52) Acenaphthene	14.351	154	656098	38.193	ng	100
53) 3-Nitroaniline	14.204	138	199441	38.296	ng	99
54) 2,4-Dinitrophenol	14.434	184	101110	35.323	ng	97
55) Dibenzofuran	14.692	168	1048113	38.252	ng	99
56) 4-Nitrophenol	14.581	139	202652	46.802	ng	97
57) 2,4-Dinitrotoluene	14.669	165	279529	38.874	ng	99
58) Fluorene	15.351	166	857836	38.395	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.939	232	241572	39.256	ng	97
60) Diethylphthalate	15.128	149	911477	37.342	ng	99
61) 4-Chlorophenyl-phenyle...	15.345	204	430331	38.622	ng	99
62) 4-Nitroaniline	15.392	138	189242	37.633	ng	98
63) Azobenzene	15.645	77	752861	36.055	ng	97
65) 4,6-Dinitro-2-methylph...	15.451	198	158899	39.652	ng	97
66) n-Nitrosodiphenylamine	15.569	169	740115	38.839	ng	98
67) 4-Bromophenyl-phenylether	16.257	248	295412	40.410	ng	97
68) Hexachlorobenzene	16.381	284	370994	39.938	ng	94
69) Atrazine	16.545	200	277598	39.750	ng	99
70) Pentachlorophenol	16.745	266	204812	39.278	ng	100
71) Phenanthrene	17.128	178	1321707	38.323	ng	100
72) Anthracene	17.222	178	1355916	39.076	ng	100
73) Carbazole	17.504	167	1198207	38.152	ng	100
74) Di-n-butylphthalate	18.086	149	1566966	38.795	ng	100
75) Fluoranthene	19.216	202	1531668	37.992	ng	99
77) Benzidine	19.422	184	725976	39.203	ng	99
78) Pyrene	19.592	202	1591992	39.077	ng	100
80) Butylbenzylphthalate	20.539	149	716477	39.544	ng	96
81) Benzo(a)anthracene	21.492	228	1645382	38.539	ng	99
82) 3,3'-Dichlorobenzidine	21.421	252	646986	40.800	ng	100
83) Chrysene	21.569	228	1543547	38.139	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1039093	39.018	ng	99
85) Di-n-octyl phthalate	22.680	149	1753560	40.266	ng	99
87) Indeno(1,2,3-cd)pyrene	28.515	276	2249969	38.903	ng	# 87
88) Benzo(b)fluoranthene	23.757	252	1745599	38.496	ng	99
89) Benzo(k)fluoranthene	23.833	252	1794614	38.409	ng	99
90) Benzo(a)pyrene	24.651	252	1693647	38.890	ng	99
91) Dibenzo(a,h)anthracene	28.598	278	1829060	38.874	ng	99
92) Benzo(g,h,i)perylene	29.674	276	1788388	38.222	ng	98

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

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