

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
 Data File : BP024228.D
 Acq On : 09 Apr 2025 10:08
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 09 12:20:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	293576	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1173450	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	712048	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	1380061	20.000	ng	0.02
76) Chrysene-d12	21.651	240	1470276	20.000	ng	0.00
86) Perylene-d12	25.033	264	1654294	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1534523	83.438	ng	0.00
7) Phenol-d6	6.952	99	2042327	83.042	ng	0.00
23) Nitrobenzene-d5	8.916	82	1775974	85.391	ng	0.00
42) 2,4,6-Tribromophenol	15.928	330	772690	86.150	ng	0.01
45) 2-Fluorobiphenyl	13.016	172	3887020	80.493	ng	0.00
79) Terphenyl-d14	19.933	244	5993823	84.151	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.323	88	302738	41.527	ng	97
3) Pyridine	3.717	79	838808	42.089	ng	98
4) n-Nitrosodimethylamine	3.628	42	271310	40.754	ng	# 95
6) Aniline	7.105	93	937414	41.835	ng	98
8) 2-Chlorophenol	7.346	128	814334	40.993	ng	100
9) Benzaldehyde	6.922	77	451640	38.053	ng	97
10) Phenol	6.975	94	1027320	41.378	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	803492	41.038	ng	98
12) 1,3-Dichlorobenzene	7.658	146	870803	40.649	ng	100
13) 1,4-Dichlorobenzene	7.805	146	882974	40.368	ng	99
14) 1,2-Dichlorobenzene	8.122	146	839545	39.998	ng	100
15) Benzyl Alcohol	8.011	79	654557	42.039	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.293	45	843711	42.222	ng	98
17) 2-Methylphenol	8.211	107	658169	42.275	ng	98
18) Hexachloroethane	8.840	117	317863	40.961	ng	99
19) n-Nitroso-di-n-propyla...	8.569	70	606716	42.523	ng	100
20) 3+4-Methylphenols	8.534	107	896490	41.913	ng	100
22) Acetophenone	8.581	105	1232083	41.530	ng	100
24) Nitrobenzene	8.958	77	873464	42.572	ng	98
25) Isophorone	9.481	82	1541684	43.243	ng	100
26) 2-Nitrophenol	9.669	139	433004	44.182	ng	98
27) 2,4-Dimethylphenol	9.728	122	528942	41.973	ng	98
28) bis(2-Chloroethoxy)met...	9.963	93	1054466	42.043	ng	99
29) 2,4-Dichlorophenol	10.199	162	729792	42.809	ng	98
30) 1,2,4-Trichlorobenzene	10.410	180	763746	40.549	ng	99
31) Naphthalene	10.605	128	2580706	41.488	ng	100
32) Benzoic acid	9.863	122	597743m	48.635	ng	
33) 4-Chloroaniline	10.705	127	940754	42.261	ng	99
34) Hexachlorobutadiene	10.887	225	434685	40.101	ng	98
35) Caprolactam	11.493	113	257074	46.011	ng	97
36) 4-Chloro-3-methylphenol	11.840	107	799711	43.485	ng	99
37) 2-Methylnaphthalene	12.210	142	1749345	41.629	ng	100
38) 1-Methylnaphthalene	12.428	142	1688556	41.312	ng	99
40) 1,2,4,5-Tetrachloroben...	12.587	216	830463	40.347	ng	100
41) Hexachlorocyclopentadiene	12.563	237	306506	41.311	ng	98
43) 2,4,6-Trichlorophenol	12.828	196	551712	42.177	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	606798	42.299	ng	99
46) 1,1'-Biphenyl	13.234	154	2190701	40.942	ng	99
47) 2-Chloronaphthalene	13.275	162	1624413	40.362	ng	99
48) 2-Nitroaniline	13.475	65	468062	45.470	ng	95
49) Acenaphthylene	14.122	152	2545636	41.802	ng	100
50) Dimethylphthalate	13.863	163	2087636	41.901	ng	100
51) 2,6-Dinitrotoluene	13.981	165	453615	43.271	ng	100
52) Acenaphthene	14.475	154	1611256	41.411	ng	99
53) 3-Nitroaniline	14.316	138	504903	44.593	ng	97
54) 2,4-Dinitrophenol	14.528	184	254373	45.859	ng	97
55) Dibenzofuran	14.810	168	2590493	41.102	ng	98
56) 4-Nitrophenol	14.640	139	438706	46.371	ng	97
57) 2,4-Dinitrotoluene	14.781	165	625765	45.191	ng	98
58) Fluorene	15.475	166	2022327	41.183	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.040	232	536689	42.344	ng	99
60) Diethylphthalate	15.251	149	2130607	42.942	ng	100
61) 4-Chlorophenyl-phenylether	15.475	204	970246	40.284	ng	98
62) 4-Nitroaniline	15.493	138	532563	44.847	ng	98
63) Azobenzene	15.769	77	2027384	43.353	ng	99
65) 4,6-Dinitro-2-methylph...	15.557	198	347340	42.395	ng	100
66) n-Nitrosodiphenylamine	15.693	169	1728077	41.235	ng	99
67) 4-Bromophenyl-phenylether	16.381	248	606490	40.028	ng	99
68) Hexachlorobenzene	16.504	284	719481	40.119	ng	99
69) Atrazine	16.669	200	433531	42.859	ng	99
70) Pentachlorophenol	16.863	266	503982	43.456	ng	100
71) Phenanthrene	17.263	178	3083668	40.902	ng	100
72) Anthracene	17.345	178	3039833	41.398	ng	100
73) Carbazole	17.628	167	3013012	42.549	ng	99
74) Di-n-butylphthalate	18.222	149	3711096	44.147	ng	100
75) Fluoranthene	19.333	202	3697085	42.341	ng	99
77) Benzidine	19.533	184	1222191	76.030	ng	99
78) Pyrene	19.710	202	3866558	42.301	ng	99
80) Butylbenzylphthalate	20.657	149	1702434	45.164	ng	97
81) Benzo(a)anthracene	21.633	228	3832104	41.922	ng	100
82) 3,3'-Dichlorobenzidine	21.569	252	1401662	45.751	ng	100
83) Chrysene	21.698	228	3634359	41.358	ng	99
84) Bis(2-ethylhexyl)phtha...	21.580	149	2547023	44.781	ng	99
85) Di-n-octyl phthalate	22.874	149	4236142	46.485	ng	99
87) Indeno(1,2,3-cd)pyrene	28.880	276	4733755m	41.000	ng	
88) Benzo(b)fluoranthene	23.969	252	4176870	41.876	ng	99
89) Benzo(k)fluoranthene	24.033	252	3945832	40.442	ng	99
90) Benzo(a)pyrene	24.880	252	3577625	41.248	ng	99
91) Dibenzo(a,h)anthracene	28.974	278	3938270	41.000	ng	98
92) Benzo(g,h,i)perylene	30.080	276	4004395	41.010	ng	97

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

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