

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061725\
 Data File : BP024971.D
 Acq On : 17 Jun 2025 11:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 17 12:29:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	255611	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1036782	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	663635	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1262434	20.000	ng	0.00
76) Chrysene-d12	21.501	240	1312703	20.000	ng	0.02
86) Perylene-d12	24.765	264	1618126	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1245731	81.349	ng	0.00
7) Phenol-d6	6.819	99	1583376	78.148	ng	0.00
23) Nitrobenzene-d5	8.766	82	1683273	78.894	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	693163	75.548	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	3739939	75.917	ng	0.00
79) Terphenyl-d14	19.795	244	5613945	76.648	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.166	88	263172	39.057	ng	99
3) Pyridine	3.566	79	660028	40.731	ng	99
4) n-Nitrosodimethylamine	3.478	42	254419	38.404	ng	99
6) Aniline	6.955	93	1031433	39.890	ng	99
8) 2-Chlorophenol	7.190	128	683398	39.367	ng	99
9) Benzaldehyde	6.766	77	458161	39.232	ng	99
10) Phenol	6.849	94	811562	38.855	ng	98
11) bis(2-Chloroethyl)ether	7.049	93	642416	39.105	ng	100
12) 1,3-Dichlorobenzene	7.502	146	748742	38.663	ng	98
13) 1,4-Dichlorobenzene	7.643	146	756514	38.715	ng	99
14) 1,2-Dichlorobenzene	7.954	146	729004	37.993	ng	99
15) Benzyl Alcohol	7.860	79	608958	39.161	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.125	45	829265	38.567	ng	98
17) 2-Methylphenol	8.072	107	555606	38.093	ng	99
18) Hexachloroethane	8.666	117	282929	38.459	ng	95
19) n-Nitroso-di-n-propyla...	8.407	70	519925	37.747	ng	99
20) 3+4-Methylphenols	8.401	107	749465	37.662	ng	96
22) Acetophenone	8.431	105	1002943	38.288	ng	# 98
24) Nitrobenzene	8.801	77	741633	39.127	ng	100
25) Isophorone	9.331	82	1468662	39.718	ng	99
26) 2-Nitrophenol	9.513	139	383373	40.992	ng	98
27) 2,4-Dimethylphenol	9.584	122	627702	39.217	ng	99
28) bis(2-Chloroethoxy)met...	9.801	93	872776	39.568	ng	99
29) 2,4-Dichlorophenol	10.066	162	612432	39.878	ng	99
30) 1,2,4-Trichlorobenzene	10.248	180	656899	37.923	ng	99
31) Naphthalene	10.431	128	2056522	38.706	ng	100
32) Benzoic acid	9.778	122	413859	38.263	ng	99
33) 4-Chloroaniline	10.554	127	891707	40.059	ng	99
34) Hexachlorobutadiene	10.707	225	405766	38.866	ng	99
35) Caprolactam	11.366	113	235849	41.720	ng	93
36) 4-Chloro-3-methylphenol	11.707	107	701484	39.600	ng	99
37) 2-Methylnaphthalene	12.048	142	1319985	39.166	ng	100
38) 1-Methylnaphthalene	12.272	142	1393823	38.683	ng	99
40) 1,2,4,5-Tetrachloroben...	12.425	216	717938	38.125	ng	99
41) Hexachlorocyclopentadiene	12.395	237	401515	34.958	ng	99
43) 2,4,6-Trichlorophenol	12.689	196	491602	38.873	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	534506	39.466	ng	99
46) 1,1'-Biphenyl	13.072	154	1853953	38.441	ng	100
47) 2-Chloronaphthalene	13.119	162	1423658	38.408	ng	99
48) 2-Nitroaniline	13.342	65	465687	40.865	ng	97
49) Acenaphthylene	13.972	152	2380864	38.523	ng	100
50) Dimethylphthalate	13.713	163	1846960	37.728	ng	100
51) 2,6-Dinitrotoluene	13.842	165	411068	38.950	ng	98
52) Acenaphthene	14.319	154	1333246	37.645	ng	99
53) 3-Nitroaniline	14.184	138	447779	40.885	ng	99
54) 2,4-Dinitrophenol	14.413	184	226798	36.271	ng	97
55) Dibenzofuran	14.660	168	2123663	37.356	ng	98
56) 4-Nitrophenol	14.572	139	359600	41.570	ng	98
57) 2,4-Dinitrotoluene	14.654	165	583481	39.523	ng	96
58) Fluorene	15.325	166	1744112	37.978	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	455844	37.671	ng	99
60) Diethylphthalate	15.095	149	1888461	38.706	ng	99
61) 4-Chlorophenyl-phenyle...	15.319	204	830953	37.006	ng	98
62) 4-Nitroaniline	15.366	138	443195	44.629	ng	94
63) Azobenzene	15.613	77	1750164	39.113	ng	98
65) 4,6-Dinitro-2-methylph...	15.442	198	334508	40.325	ng	98
66) n-Nitrosodiphenylamine	15.542	169	1521252	38.877	ng	100
67) 4-Bromophenyl-phenylether	16.230	248	547666	38.448	ng	99
68) Hexachlorobenzene	16.348	284	653246	37.829	ng	98
69) Atrazine	16.525	200	559566	39.447	ng	100
70) Pentachlorophenol	16.719	266	365797	40.930	ng	99
71) Phenanthrene	17.101	178	2648772	37.968	ng	99
72) Anthracene	17.195	178	2733585	38.689	ng	99
73) Carbazole	17.489	167	2636216	40.254	ng	100
74) Di-n-butylphthalate	18.060	149	3298220	40.648	ng	99
75) Fluoranthene	19.195	202	3088553	38.197	ng	99
77) Benzidine	19.401	184	1749452	43.030	ng	100
78) Pyrene	19.577	202	3197397	38.988	ng	100
80) Butylbenzylphthalate	20.524	149	1578041	42.008	ng	97
81) Benzo(a)anthracene	21.483	228	3271713	38.969	ng	99
82) 3,3'-Dichlorobenzidine	21.401	252	1343366	40.303	ng	98
83) Chrysene	21.548	228	3080287	38.720	ng	99
84) Bis(2-ethylhexyl)phtha...	21.407	149	2216685	41.186	ng	99
85) Di-n-octyl phthalate	22.648	149	4025519	42.434	ng	100
87) Indeno(1,2,3-cd)pyrene	28.495	276	4568139	38.693	ng	98
88) Benzo(b)fluoranthene	23.742	252	3516366	37.971	ng	99
89) Benzo(k)fluoranthene	23.801	252	3533079	37.481	ng	99
90) Benzo(a)pyrene	24.612	252	3499415	38.694	ng	99
91) Dibenzo(a,h)anthracene	28.559	278	3723266	38.744	ng	100
92) Benzo(g,h,i)perylene	29.653	276	3643789	38.215	ng	97

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

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