

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
 Data File : BP024938.D
 Acq On : 13 Jun 2025 10:43
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 13 12:07:12 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	219875	20.000	ng	0.00
21) Naphthalene-d8	10.372	136	907001	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	589556	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1169965	20.000	ng	0.00
76) Chrysene-d12	21.501	240	1284712	20.000	ng	0.02
86) Perylene-d12	24.771	264	1536474	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1077320	81.786	ng	0.00
7) Phenol-d6	6.813	99	1397047	80.159	ng	0.00
23) Nitrobenzene-d5	8.760	82	1473282	78.932	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	720644	88.412	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	3467639	79.235	ng	0.00
79) Terphenyl-d14	19.789	244	5726079	79.882	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.167	88	222572	38.401	ng	98
3) Pyridine	3.561	79	560060	40.180	ng	99
4) n-Nitrosodimethylamine	3.478	42	216937	38.068	ng	97
6) Aniline	6.949	93	894075	40.198	ng	99
8) 2-Chlorophenol	7.184	128	605096	40.521	ng	99
9) Benzaldehyde	6.760	77	414564	41.268	ng	98
10) Phenol	6.843	94	717247	39.920	ng	99
11) bis(2-Chloroethyl)ether	7.043	93	555786	39.330	ng	99
12) 1,3-Dichlorobenzene	7.496	146	650614	39.056	ng	98
13) 1,4-Dichlorobenzene	7.637	146	656637	39.066	ng	99
14) 1,2-Dichlorobenzene	7.955	146	635378	38.495	ng	99
15) Benzyl Alcohol	7.855	79	528925	39.543	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.125	45	670309	36.241	ng	99
17) 2-Methylphenol	8.066	107	489980	39.053	ng	99
18) Hexachloroethane	8.666	117	242400	38.305	ng	97
19) n-Nitroso-di-n-propyla...	8.407	70	449000	37.896	ng	99
20) 3+4-Methylphenols	8.396	107	671804	39.247	ng	97
22) Acetophenone	8.425	105	907427	39.599	ng	99
24) Nitrobenzene	8.802	77	646981	39.017	ng	96
25) Isophorone	9.319	82	1280361	39.580	ng	99
26) 2-Nitrophenol	9.507	139	348136	42.551	ng	97
27) 2,4-Dimethylphenol	9.578	122	570366	40.734	ng	100
28) bis(2-Chloroethoxy)met...	9.796	93	758759	39.321	ng	99
29) 2,4-Dichlorophenol	10.054	162	557578	41.501	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	591473	39.032	ng	98
31) Naphthalene	10.425	128	1851725	39.839	ng	100
32) Benzoic acid	9.760	122	383514	40.531	ng	99
33) 4-Chloroaniline	10.549	127	810873	41.640	ng	98
34) Hexachlorobutadiene	10.701	225	372593	40.795	ng	99
35) Caprolactam	11.360	113	211871	42.841	ng	89
36) 4-Chloro-3-methylphenol	11.707	107	644270	41.575	ng	100
37) 2-Methylnaphthalene	12.043	142	1185965	40.225	ng	100
38) 1-Methylnaphthalene	12.266	142	1242358	39.413	ng	100
40) 1,2,4,5-Tetrachloroben...	12.419	216	677678	40.509	ng	98
41) Hexachlorocyclopentadiene	12.390	237	327939	32.140	ng	99
43) 2,4,6-Trichlorophenol	12.684	196	464566	41.351	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	506525	42.100	ng	97
46) 1,1'-Biphenyl	13.072	154	1698671	39.647	ng	99
47) 2-Chloronaphthalene	13.113	162	1307396	39.703	ng	100
48) 2-Nitroaniline	13.337	65	410832	40.582	ng	98
49) Acenaphthylene	13.972	152	2190496	39.896	ng	100
50) Dimethylphthalate	13.713	163	1707186	39.254	ng	100
51) 2,6-Dinitrotoluene	13.837	165	379539	40.481	ng	99
52) Acenaphthene	14.319	154	1265958	40.237	ng	99
53) 3-Nitroaniline	14.184	138	419247	43.090	ng	95
54) 2,4-Dinitrophenol	14.413	184	210206	37.600	ng	95
55) Dibenzofuran	14.660	168	1975095	39.108	ng	100
56) 4-Nitrophenol	14.554	139	264764	35.379	ng	98
57) 2,4-Dinitrotoluene	14.648	165	552424	42.121	ng	97
58) Fluorene	15.319	166	1637006	40.125	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.907	232	449263	41.792	ng	96
60) Diethylphthalate	15.101	149	1770126	40.840	ng	99
61) 4-Chlorophenyl-phenyle...	15.313	204	806252	40.418	ng	97
62) 4-Nitroaniline	15.366	138	407484	46.189	ng	91
63) Azobenzene	15.613	77	1535445	38.626	ng	97
65) 4,6-Dinitro-2-methylph...	15.431	198	309737	40.290	ng	99
66) n-Nitrosodiphenylamine	15.536	169	1437730	39.647	ng	99
67) 4-Bromophenyl-phenylether	16.225	248	533780	40.435	ng	98
68) Hexachlorobenzene	16.348	284	656814	41.042	ng	96
69) Atrazine	16.519	200	540296	41.099	ng	99
70) Pentachlorophenol	16.719	266	361451	43.640	ng	98
71) Phenanthrene	17.101	178	2529798	39.128	ng	100
72) Anthracene	17.189	178	2624194	40.077	ng	100
73) Carbazole	17.478	167	2469788	40.693	ng	100
74) Di-n-butylphthalate	18.060	149	3030556	40.301	ng	99
75) Fluoranthene	19.195	202	3041300	40.585	ng	99
77) Benzidine	19.401	184	1574814	39.579	ng	99
78) Pyrene	19.577	202	3137826	39.095	ng	100
80) Butylbenzylphthalate	20.524	149	1482640	40.328	ng	96
81) Benzo(a)anthracene	21.483	228	3249757	39.550	ng	100
82) 3,3'-Dichlorobenzidine	21.407	252	1339741	41.070	ng	100
83) Chrysene	21.548	228	3027455	38.885	ng	99
84) Bis(2-ethylhexyl)phtha...	21.419	149	2101707	39.900	ng	99
85) Di-n-octyl phthalate	22.654	149	3644180	39.251	ng	99
87) Indeno(1,2,3-cd)pyrene	28.471	276	4494755	40.094	ng	# 91
88) Benzo(b)fluoranthene	23.736	252	3480133	39.577	ng	99
89) Benzo(k)fluoranthene	23.807	252	3444162	38.479	ng	100
90) Benzo(a)pyrene	24.624	252	3359354	39.120	ng	99
91) Dibenzo(a,h)anthracene	28.542	278	3683952	40.372	ng	99
92) Benzo(g,h,i)perylene	29.630	276	3581971	39.563	ng	100

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

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