

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
 Data File : BP024987.D
 Acq On : 18 Jun 2025 09:55
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 18 11:35:17 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	287169	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1150636	20.000	ng	0.00
39) Acenaphthene-d10	14.260	164	726300	20.000	ng	0.01
64) Phenanthrene-d10	17.060	188	1437446	20.000	ng	0.00
76) Chrysene-d12	21.501	240	1478427	20.000	ng	0.02
86) Perylene-d12	24.765	264	1736638	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1416012	82.307	ng	0.00
7) Phenol-d6	6.819	99	1782118	78.291	ng	0.00
23) Nitrobenzene-d5	8.760	82	1877055	79.271	ng	0.00
42) 2,4,6-Tribromophenol	15.783	330	779089	77.587	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	4102722	76.096	ng	0.00
79) Terphenyl-d14	19.789	244	6387341	77.432	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.166	88	296933	39.225	ng	99
3) Pyridine	3.566	79	762794	41.900	ng	100
4) n-Nitrosodimethylamine	3.478	42	280949	37.748	ng	94
6) Aniline	6.949	93	1163079	40.039	ng	99
8) 2-Chlorophenol	7.184	128	778162	39.900	ng	99
9) Benzaldehyde	6.766	77	519148	39.569	ng	99
10) Phenol	6.843	94	913464	38.927	ng	98
11) bis(2-Chloroethyl)ether	7.043	93	728998	39.499	ng	100
12) 1,3-Dichlorobenzene	7.496	146	843901	38.788	ng	98
13) 1,4-Dichlorobenzene	7.643	146	854699	38.933	ng	100
14) 1,2-Dichlorobenzene	7.954	146	808904	37.524	ng	99
15) Benzyl Alcohol	7.860	79	675792	38.684	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.125	45	935957	38.745	ng	100
17) 2-Methylphenol	8.072	107	627030	38.265	ng	97
18) Hexachloroethane	8.660	117	320123	38.732	ng	96
19) n-Nitroso-di-n-propyla...	8.407	70	580790	37.533	ng	99
20) 3+4-Methylphenols	8.402	107	834340	37.320	ng	96
22) Acetophenone	8.425	105	1135503	39.059	ng	99
24) Nitrobenzene	8.801	77	829704	39.442	ng	100
25) Isophorone	9.319	82	1624881	39.594	ng	100
26) 2-Nitrophenol	9.507	139	434682	41.880	ng	96
27) 2,4-Dimethylphenol	9.578	122	703082	39.580	ng	98
28) bis(2-Chloroethoxy)met...	9.796	93	969188	39.591	ng	99
29) 2,4-Dichlorophenol	10.060	162	691054	40.545	ng	100
30) 1,2,4-Trichlorobenzene	10.243	180	738094	38.394	ng	97
31) Naphthalene	10.425	128	2288955	38.818	ng	99
32) Benzoic acid	9.772	122	471123	39.247	ng	99
33) 4-Chloroaniline	10.554	127	1002825	40.593	ng	99
34) Hexachlorobutadiene	10.701	225	453767	39.163	ng	100
35) Caprolactam	11.366	113	259415	41.348	ng	94
36) 4-Chloro-3-methylphenol	11.713	107	775507	39.447	ng	99
37) 2-Methylnaphthalene	12.048	142	1448533	38.727	ng	99
38) 1-Methylnaphthalene	12.266	142	1541282	38.543	ng	97
40) 1,2,4,5-Tetrachloroben...	12.425	216	807882	39.200	ng	99
41) Hexachlorocyclopentadiene	12.395	237	454154	36.129	ng	98
43) 2,4,6-Trichlorophenol	12.690	196	548969	39.664	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	590474	39.837	ng	99
46) 1,1'-Biphenyl	13.078	154	2063172	39.089	ng	99
47) 2-Chloronaphthalene	13.119	162	1584646	39.062	ng	100
48) 2-Nitroaniline	13.342	65	514508	41.254	ng	98
49) Acenaphthylene	13.978	152	2628739	38.863	ng	100
50) Dimethylphthalate	13.713	163	2058352	38.418	ng	99
51) 2,6-Dinitrotoluene	13.842	165	462023	40.001	ng	99
52) Acenaphthene	14.325	154	1505394	38.839	ng	99
53) 3-Nitroaniline	14.189	138	505913	42.207	ng	98
54) 2,4-Dinitrophenol	14.419	184	260438	37.783	ng	94
55) Dibenzofuran	14.666	168	2388234	38.386	ng	100
56) 4-Nitrophenol	14.578	139	399872	42.151	ng	94
57) 2,4-Dinitrotoluene	14.660	165	649385	40.192	ng	95
58) Fluorene	15.331	166	1941124	38.621	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.913	232	530247	40.039	ng	98
60) Diethylphthalate	15.101	149	2119727	39.698	ng	99
61) 4-Chlorophenyl-phenyle...	15.319	204	943787	38.405	ng	95
62) 4-Nitroaniline	15.384	138	476416	43.835	ng	91
63) Azobenzene	15.619	77	1939188	39.598	ng	99
65) 4,6-Dinitro-2-methylph...	15.442	198	371973	39.382	ng	97
66) n-Nitrosodiphenylamine	15.542	169	1708771	38.353	ng	99
67) 4-Bromophenyl-phenylether	16.236	248	611527	37.704	ng	97
68) Hexachlorobenzene	16.354	284	736122	37.438	ng	99
69) Atrazine	16.525	200	637034	39.441	ng	99
70) Pentachlorophenol	16.725	266	417377	41.015	ng	100
71) Phenanthrene	17.101	178	2986389	37.595	ng	99
72) Anthracene	17.201	178	3083108	38.323	ng	99
73) Carbazole	17.489	167	2930446	39.299	ng	100
74) Di-n-butylphthalate	18.066	149	3692511	39.967	ng	100
75) Fluoranthene	19.201	202	3507778	38.099	ng	100
77) Benzidine	19.401	184	2029267	44.318	ng	100
78) Pyrene	19.577	202	3619176	39.184	ng	100
80) Butylbenzylphthalate	20.519	149	1761283	41.630	ng	99
81) Benzo(a)anthracene	21.483	228	3702579	39.157	ng	100
82) 3,3'-Dichlorobenzidine	21.401	252	1475787	39.313	ng	100
83) Chrysene	21.548	228	3418136	38.151	ng	99
84) Bis(2-ethylhexyl)phtha...	21.401	149	2526496	41.680	ng	100
85) Di-n-octyl phthalate	22.642	149	4499784	42.116	ng	100
87) Indeno(1,2,3-cd)pyrene	28.495	276	4877980	38.498	ng	# 92
88) Benzo(b)fluoranthene	23.730	252	3748094	37.712	ng	99
89) Benzo(k)fluoranthene	23.801	252	3896497	38.515	ng	98
90) Benzo(a)pyrene	24.618	252	3716475	38.290	ng	100
91) Dibenzo(a,h)anthracene	28.547	278	3923826	38.044	ng	98
92) Benzo(g,h,i)perylene	29.630	276	3902242	38.133	ng	99

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

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