

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
 Data File : BP024862.D
 Acq On : 06 Jun 2025 11:52
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/09/2025
 Supervised By :Jagrut Upadhyay 06/09/2025

Quant Time: Jun 06 15:59:39 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 15:53:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	222073	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	929717	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	594373	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1185891	20.000	ng	-0.01
76) Chrysene-d12	21.472	240	1377321	20.000	ng	-0.01
86) Perylene-d12	24.718	264	1582534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.249	112	253023	19.018	ng	0.00
7) Phenol-d6	6.819	99	339256	19.273	ng	0.00
23) Nitrobenzene-d5	8.760	82	369077	19.290	ng	0.00
42) 2,4,6-Tribromophenol	15.772	330	156861	19.089	ng	-0.01
45) 2-Fluorobiphenyl	12.854	172	896004	20.308	ng	0.00
79) Terphenyl-d14	19.778	244	1478395	19.238	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.173	88	58704	10.028	ng	98
3) Pyridine	3.578	79	131346	9.330	ng	98
4) n-Nitrosodimethylamine	3.490	42	53104	9.227	ng	# 98
6) Aniline	6.961	93	210089	9.352	ng	99
8) 2-Chlorophenol	7.196	128	143265	9.499	ng	98
9) Benzaldehyde	6.772	77	115279m	11.330	ng	
10) Phenol	6.849	94	173645	9.569	ng	98
11) bis(2-Chloroethyl)ether	7.049	93	141777	9.934	ng	99
12) 1,3-Dichlorobenzene	7.502	146	168166	9.995	ng	99
13) 1,4-Dichlorobenzene	7.643	146	167333	9.857	ng	99
14) 1,2-Dichlorobenzene	7.960	146	181774	10.904	ng	98
15) Benzyl Alcohol	7.866	79	126194	9.341	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.131	45	192365	10.298	ng	96
17) 2-Methylphenol	8.078	107	127589	10.069	ng	98
18) Hexachloroethane	8.672	117	62735	9.815	ng	95
19) n-Nitroso-di-n-propyla...	8.413	70	122711	10.254	ng	97
20) 3+4-Methylphenols	8.408	107	167301	9.677	ng	94
22) Acetophenone	8.431	105	242331	10.317	ng	# 98
24) Nitrobenzene	8.802	77	163008	9.590	ng	99
25) Isophorone	9.325	82	315027	9.500	ng	100
26) 2-Nitrophenol	9.513	139	72892	8.692	ng	97
27) 2,4-Dimethylphenol	9.590	122	132781	9.251	ng	97
28) bis(2-Chloroethoxy)met...	9.802	93	189690	9.590	ng	98
29) 2,4-Dichlorophenol	10.072	162	126522	9.187	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	148252	9.544	ng	97
31) Naphthalene	10.425	128	474962	9.969	ng	99
32) Benzoic acid	9.731	122	74032m	7.736	ng	
33) 4-Chloroaniline	10.566	127	186400	9.338	ng	98
34) Hexachlorobutadiene	10.707	225	92498	9.880	ng	97
35) Caprolactam	11.337	113	45366	8.949	ng	98
36) 4-Chloro-3-methylphenol	11.707	107	149607	9.418	ng	97
37) 2-Methylnaphthalene	12.043	142	296478	9.810	ng	98
38) 1-Methylnaphthalene	12.266	142	316179	9.786	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	166771	9.888	ng	99
41) Hexachlorocyclopentadiene	12.396	237	76916	7.477	ng	97
43) 2,4,6-Trichlorophenol	12.684	196	104746	9.248	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	112735	9.294	ng	99
46) 1,1'-Biphenyl	13.072	154	432819	10.020	ng	99
47) 2-Chloronaphthalene	13.113	162	328060	9.882	ng	98
48) 2-Nitroaniline	13.337	65	96210	9.426	ng	100
49) Acenaphthylene	13.966	152	550191	9.939	ng	98
50) Dimethylphthalate	13.707	163	430821	9.826	ng	100
51) 2,6-Dinitrotoluene	13.831	165	89432	9.461	ng	93
52) Acenaphthene	14.313	154	316133	9.967	ng	98
53) 3-Nitroaniline	14.184	138	86690	8.838	ng	97
54) 2,4-Dinitrophenol	14.413	184	34890	10.838	ng	97
55) Dibenzofuran	14.660	168	511434	10.045	ng	100
56) 4-Nitrophenol	14.572	139	42087	10.135	ng	92
57) 2,4-Dinitrotoluene	14.643	165	123499	9.340	ng	97
58) Fluorene	15.319	166	414235	10.071	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.907	232	103935	9.573	ng	99
60) Diethylphthalate	15.090	149	437955	10.022	ng	98
61) 4-Chlorophenyl-phenyle...	15.319	204	198649	9.878	ng	98
62) 4-Nitroaniline	15.372	138	69780	7.841	ng	95
63) Azobenzene	15.619	77	396356	9.890	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	60252	7.732	ng	92
66) n-Nitrosodiphenylamine	15.537	169	360674	9.812	ng	98
67) 4-Bromophenyl-phenylether	16.231	248	127516	9.530	ng	98
68) Hexachlorobenzene	16.342	284	158870	9.794	ng	97
69) Atrazine	16.519	200	125777	9.439	ng	99
70) Pentachlorophenol	16.719	266	62407	7.434	ng	98
71) Phenanthrene	17.089	178	657004	10.025	ng	99
72) Anthracene	17.195	178	648264	9.767	ng	99
73) Carbazole	17.484	167	600475	9.761	ng	100
74) Di-n-butylphthalate	18.060	149	738469	9.688	ng	99
75) Fluoranthene	19.183	202	763158	10.047	ng	98
77) Benzidine	19.401	184	352835	8.271	ng	99
78) Pyrene	19.554	202	823026	9.565	ng	99
80) Butylbenzylphthalate	20.507	149	364314	9.243	ng	97
81) Benzo(a)anthracene	21.448	228	850043	9.650	ng	99
82) 3,3'-Dichlorobenzidine	21.377	252	322154	9.212	ng	99
83) Chrysene	21.519	228	808582	9.687	ng	100
84) Bis(2-ethylhexyl)phtha...	21.389	149	536981	9.509	ng	100
85) Di-n-octyl phthalate	22.619	149	909174	9.134	ng	99
87) Indeno(1,2,3-cd)pyrene	28.395	276	1109298	9.607	ng	99
88) Benzo(b)fluoranthene	23.689	252	873515m	9.645	ng	
89) Benzo(k)fluoranthene	23.760	252	905265	9.819	ng	99
90) Benzo(a)pyrene	24.566	252	845698	9.562	ng	99
91) Dibenzo(a,h)anthracene	28.459	278	904527	9.624	ng	99
92) Benzo(g,h,i)perylene	29.542	276	891492	9.560	ng	97

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

