

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024735.D
 Acq On : 21 May 2025 10:56
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/21/2025
 Supervised By :Jagrut Upadhyay 05/21/2025

Quant Time: May 21 12:14:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	135470	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	549948	20.000	ng	-0.01
39) Acenaphthene-d10	14.281	164	350452	20.000	ng	-0.02
64) Phenanthrene-d10	17.069	188	669288	20.000	ng	-0.03
76) Chrysene-d12	21.504	240	774145	20.000	ng	-0.02
86) Perylene-d12	24.774	264	911806	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	593223	74.897	ng	0.00
7) Phenol-d6	6.858	99	730350	72.249	ng	0.00
23) Nitrobenzene-d5	8.805	82	779316	71.600	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	523753	88.157	ng	-0.01
45) 2-Fluorobiphenyl	12.893	172	2114301	79.041	ng	-0.01
79) Terphenyl-d14	19.798	244	3589958	79.516	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	123293	33.150	ng	97
3) Pyridine	3.617	79	275450	33.400	ng	92
4) n-Nitrosodimethylamine	3.528	42	134730	37.005	ng	87
6) Aniline	6.993	93	446155	34.185	ng	99
8) 2-Chlorophenol	7.234	128	346587	38.546	ng	96
9) Benzaldehyde	6.811	77	223602	34.170	ng	96
10) Phenol	6.881	94	362241	34.719	ng	96
11) bis(2-Chloroethyl)ether	7.087	93	282191	32.916	ng	98
12) 1,3-Dichlorobenzene	7.546	146	388903	37.594	ng	98
13) 1,4-Dichlorobenzene	7.687	146	393029	37.775	ng	99
14) 1,2-Dichlorobenzene	7.999	146	374925	36.981	ng	99
15) Benzyl Alcohol	7.899	79	275177	35.822	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.169	45	330517	32.192	ng	99
17) 2-Methylphenol	8.111	107	266596	35.626	ng	99
18) Hexachloroethane	8.716	117	143486	35.988	ng	96
19) n-Nitroso-di-n-propyla...	8.458	70	220282	31.502	ng	94
20) 3+4-Methylphenols	8.440	107	366912	36.045	ng	98
22) Acetophenone	8.469	105	496987	36.178	ng	98
24) Nitrobenzene	8.846	77	334187	34.890	ng	93
25) Isophorone	9.363	82	631557	33.451	ng	97
26) 2-Nitrophenol	9.552	139	193720	41.274	ng	96
27) 2,4-Dimethylphenol	9.616	122	315631	38.142	ng	99
28) bis(2-Chloroethoxy)met...	9.840	93	383129	33.966	ng	99
29) 2,4-Dichlorophenol	10.099	162	325837	40.632	ng	96
30) 1,2,4-Trichlorobenzene	10.287	180	361969	40.056	ng	95
31) Naphthalene	10.475	128	1071970	37.615	ng	100
32) Benzoic acid	9.752	122	92297m	20.997	ng	
33) 4-Chloroaniline	10.593	127	443925	38.602	ng	97
34) Hexachlorobutadiene	10.752	225	245271	41.898	ng	97
35) Caprolactam	11.393	113	102330	35.270	ng	96
36) 4-Chloro-3-methylphenol	11.740	107	361130	36.928	ng	99
37) 2-Methylnaphthalene	12.081	142	688580	37.315	ng	100
38) 1-Methylnaphthalene	12.304	142	732371	37.092	ng	99
40) 1,2,4,5-Tetrachloroben...	12.457	216	421830	41.450	ng	99
41) Hexachlorocyclopentadiene	12.434	237	199324	32.301	ng	98
43) 2,4,6-Trichlorophenol	12.716	196	278066	42.185	ng	98

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44) 2,4,5-Trichlorophenol	12.804	196	302556	41.236	ng	96
46) 1,1'-Biphenyl	13.104	154	996616	38.476	ng	98
47) 2-Chloronaphthalene	13.146	162	762202	38.593	ng	99
48) 2-Nitroaniline	13.363	65	209721	35.867	ng	94
49) Acenaphthylene	14.004	152	1247255	37.738	ng	99
50) Dimethylphthalate	13.746	163	978456	36.630	ng	99
51) 2,6-Dinitrotoluene	13.863	165	212716	37.707	ng	98
52) Acenaphthene	14.346	154	723732	38.090	ng	99
53) 3-Nitroaniline	14.204	138	217767	37.805	ng	96
54) 2,4-Dinitrophenol	14.440	184	15696	10.460	ng	97
55) Dibenzofuran	14.687	168	1145935	37.811	ng	98
56) 4-Nitrophenol	14.575	139	141573	31.121	ng	96
57) 2,4-Dinitrotoluene	14.663	165	303730	38.189	ng	97
58) Fluorene	15.345	166	934089	37.799	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.928	232	274380	40.312	ng	93
60) Diethylphthalate	15.122	149	984129	36.452	ng	99
61) 4-Chlorophenyl-phenyle...	15.340	204	474594	38.510	ng	99
62) 4-Nitroaniline	15.381	138	220352	39.618	ng	96
63) Azobenzene	15.640	77	751086	32.520	ng	93
65) 4,6-Dinitro-2-methylph...	15.445	198	53443	12.362	ng	96
66) n-Nitrosodiphenylamine	15.563	169	787025	38.283	ng	98
67) 4-Bromophenyl-phenylether	16.251	248	332056	42.104	ng	94
68) Hexachlorobenzene	16.369	284	429807	42.889	ng	94
69) Atrazine	16.540	200	303928	40.341	ng	100
70) Pentachlorophenol	16.734	266	181388	32.244	ng	99
71) Phenanthrene	17.116	178	1423885	38.270	ng	100
72) Anthracene	17.210	178	1443108	38.551	ng	100
73) Carbazole	17.498	167	1325255	39.114	ng	99
74) Di-n-butylphthalate	18.081	149	1687862	38.735	ng	99
75) Fluoranthene	19.198	202	1701643	39.125	ng	98
77) Benzidine	19.404	184	880033	41.738	ng	99
78) Pyrene	19.575	202	1746108	37.644	ng	100
80) Butylbenzylphthalate	20.533	149	770766	37.363	ng	90
81) Benzo(a)anthracene	21.486	228	1841586	37.885	ng	100
82) 3,3'-Dichlorobenzidine	21.410	252	751644	41.632	ng	98
83) Chrysene	21.545	228	1725888	37.454	ng	99
84) Bis(2-ethylhexyl)phtha...	21.416	149	1181419	38.963	ng	100
85) Di-n-octyl phthalate	22.663	149	1962163	39.572	ng	99
87) Indeno(1,2,3-cd)pyrene	28.509	276	2602162	39.091	ng	# 88
88) Benzo(b)fluoranthene	23.745	252	1972108	37.787	ng	98
89) Benzo(k)fluoranthene	23.816	252	2043746	38.003	ng	99
90) Benzo(a)pyrene	24.627	252	1928078	38.466	ng	98
91) Dibenzo(a,h)anthracene	28.557	278	2131169	39.353	ng	98
92) Benzo(g,h,i)perylene	29.645	276	2081468	38.650	ng	97

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

