

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
 Data File : BP025159.D
 Acq On : 16 Jul 2025 15:31
 Operator : CG/JU
 Sample : Q2586-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-16MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/17/2025
 Supervised By :Jagrut Upadhyay 07/17/2025

Quant Time: Jul 16 15:55:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	699887	20.000	ng	0.00
21) Naphthalene-d8	10.196	136	2737740	20.000	ng	0.01
39) Acenaphthene-d10	14.101	164	1588530	20.000	ng	0.01
64) Phenanthrene-d10	16.931	188	3146715	20.000	ng	0.02
76) Chrysene-d12	21.354	240	3051037	20.000	ng	0.01
86) Perylene-d12	24.495	264	3895621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3962730	100.321	ng	0.00
7) Phenol-d6	6.643	99	5075891	98.471	ng	0.01
23) Nitrobenzene-d5	8.572	82	2831032	68.771	ng	0.00
42) 2,4,6-Tribromophenol	15.631	330	2573210	137.122	ng	0.01
45) 2-Fluorobiphenyl	12.707	172	7110551	69.344	ng	0.01
79) Terphenyl-d14	19.683	244	10505149	75.673	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.120	88	559528	36.428	ng	99
3) Pyridine	3.490	79	1565095	37.218	ng	98
4) n-Nitrosodimethylamine	3.402	42	705031	39.597	ng	93
6) Aniline	6.784	93	1991197	41.344	ng	99
8) 2-Chlorophenol	7.019	128	2089550	47.280	ng	97
9) Benzaldehyde	6.602	77	1143440	42.475	ng	96
10) Phenol	6.666	94	2382854	45.495	ng	97
11) bis(2-Chloroethyl)ether	6.884	93	1725146	42.798	ng	98
12) 1,3-Dichlorobenzene	7.331	146	2176101	43.995	ng	99
13) 1,4-Dichlorobenzene	7.472	146	2225848	44.447	ng	99
14) 1,2-Dichlorobenzene	7.784	146	2137662	44.374	ng	100
15) Benzyl Alcohol	7.678	79	1584473	46.054	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.961	45	2226490	42.480	ng	99
17) 2-Methylphenol	7.884	107	1649678	48.896	ng	100
18) Hexachloroethane	8.502	117	762146	46.717	ng	97
19) n-Nitroso-di-n-propyla...	8.243	70	1274881	41.703	ng	96
20) 3+4-Methylphenols	8.208	107	2218766	46.951	ng	99
22) Acetophenone	8.249	105	2754474	42.542	ng	97
24) Nitrobenzene	8.613	77	1883671	44.923	ng	94
25) Isophorone	9.143	82	3623072	47.095	ng	98
26) 2-Nitrophenol	9.313	139	1117472	54.443	ng	97
27) 2,4-Dimethylphenol	9.390	122	1898633	66.160	ng	99
28) bis(2-Chloroethoxy)met...	9.619	93	2315649	44.330	ng	99
29) 2,4-Dichlorophenol	9.849	162	1982098	49.811	ng	100
30) 1,2,4-Trichlorobenzene	10.055	180	2044023	46.385	ng	100
31) Naphthalene	10.243	128	6095163	43.237	ng	100
32) Benzoic acid	9.555	122	1600146	54.804	ng	97
33) 4-Chloroaniline	10.349	127	1222027	23.228	ng	99
34) Hexachlorobutadiene	10.543	225	1211774	47.919	ng	100
35) Caprolactam	11.143	113	620106m	45.552	ng	
36) 4-Chloro-3-methylphenol	11.496	107	1929471	46.399	ng	99
37) 2-Methylnaphthalene	11.866	142	3895659	39.166	ng	99
38) 1-Methylnaphthalene	12.096	142	4077893	42.037	ng	99
40) 1,2,4,5-Tetrachloroben...	12.249	216	2259295	49.487	ng	99
41) Hexachlorocyclopentadiene	12.237	237	2567527	215.306	ng	98
43) 2,4,6-Trichlorophenol	12.496	196	1617173	58.499	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.566	196	1777151	56.725	ng	98
46) 1,1'-Biphenyl	12.907	154	5182346	44.838	ng	100
47) 2-Chloronaphthalene	12.943	162	4042071	46.530	ng	99
48) 2-Nitroaniline	13.154	65	1028349	48.306	ng	91
49) Acenaphthylene	13.813	152	6635026	49.903	ng	100
50) Dimethylphthalate	13.566	163	5001958	44.983	ng	99
51) 2,6-Dinitrotoluene	13.672	165	1115531	51.438	ng	97
52) Acenaphthene	14.160	154	3753533	43.801	ng	99
53) 3-Nitroaniline	14.001	138	859138	36.966	ng	99
54) 2,4-Dinitrophenol	14.219	184	1308940	120.570	ng	92
55) Dibenzofuran	14.507	168	6409217	45.319	ng	100
56) 4-Nitrophenol	14.348	139	2278608	106.238	ng	94
57) 2,4-Dinitrotoluene	14.484	165	1647416	51.553	ng	92
58) Fluorene	15.184	166	5136779	46.959	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.748	232	1525330	53.764	ng	96
60) Diethylphthalate	14.972	149	5315209	47.591	ng	99
61) 4-Chlorophenyl-phenyle...	15.184	204	2600760	48.042	ng	98
62) 4-Nitroaniline	15.201	138	1251716	51.362	ng	96
63) Azobenzene	15.484	77	4776043	48.023	ng	97
65) 4,6-Dinitro-2-methylph...	15.260	198	926880	62.784	ng	96
66) n-Nitrosodiphenylamine	15.401	169	4655642	51.698	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	1762530	54.705	ng	99
68) Hexachlorobenzene	16.207	284	2099680	53.318	ng	97
69) Atrazine	16.401	200	1651327	62.577	ng	99
70) Pentachlorophenol	16.578	266	2867779	107.829	ng	99
71) Phenanthrene	16.972	178	7523533	44.745	ng	100
72) Anthracene	17.060	178	7513699	46.579	ng	100
73) Carbazole	17.342	167	7038321	44.625	ng	100
74) Di-n-butylphthalate	17.966	149	8615571	49.054	ng	99
75) Fluoranthene	19.078	202	9502502	48.349	ng	99
77) Benzidine	19.272	184	4901681	90.965	ng	98
78) Pyrene	19.448	202	9822297	51.977	ng	99
80) Butylbenzylphthalate	20.436	149	4067605	55.264	ng	99
81) Benzo(a)anthracene	21.336	228	8880050	48.027	ng	99
82) 3,3'-Dichlorobenzidine	21.272	252	2778197	49.913	ng	99
83) Chrysene	21.407	228	8308979	46.697	ng	100
84) Bis(2-ethylhexyl)phtha...	21.325	149	5528915	55.748	ng	98
85) Di-n-octyl phthalate	22.548	149	9583181	52.100	ng	97
87) Indeno(1,2,3-cd)pyrene	28.065	276	13331323m	53.718	ng	
88) Benzo(b)fluoranthene	23.524	252	9867684	43.519	ng	99
89) Benzo(k)fluoranthene	23.583	252	9781346	43.355	ng	99
90) Benzo(a)pyrene	24.360	252	9872374	51.157	ng	99
91) Dibenzo(a,h)anthracene	28.136	278	10608175	51.712	ng	99
92) Benzo(g,h,i)perylene	29.136	276	10744660	50.702	ng	99

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

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