

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
 Data File : BP025603.D
 Acq On : 27 Aug 2025 15:00
 Operator : CG/JU
 Sample : Q2924-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-201-082025MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/28/2025
 Supervised By :Jagrut Upadhyay 08/28/2025

Quant Time: Aug 27 15:23:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	165573	20.000	ng	-0.02
21) Naphthalene-d8	10.566	136	358938m	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	417829	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	814298	20.000	ng	0.00
76) Chrysene-d12	21.636	240	887974	20.000	ng	-0.01
86) Perylene-d12	25.007	264	1057493	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	671751	67.377	ng	0.00
7) Phenol-d6	6.972	99	529341	41.411	ng	0.00
23) Nitrobenzene-d5	8.925	82	1058184	149.131	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	757775	134.739	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	2386494	78.060	ng	-0.01
79) Terphenyl-d14	19.919	244	3697065	76.174	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.320	88	80709	20.667	ng	99
3) Pyridine	3.725	79	202156	18.912	ng	95
4) n-Nitrosodimethylamine	3.631	42	105107	23.851	ng	96
6) Aniline	7.113	93	412121	23.929	ng	97
8) 2-Chlorophenol	7.360	128	422887	37.587	ng	97
9) Benzaldehyde	6.931	77	320616	35.801	ng	# 1
10) Phenol	6.996	94	209480	15.618	ng	89
11) bis(2-Chloroethyl)ether	7.213	93	438912	41.984	ng	# 81
12) 1,3-Dichlorobenzene	7.672	146	417263	33.634	ng	98
13) 1,4-Dichlorobenzene	7.813	146	431205	34.006	ng	98
14) 1,2-Dichlorobenzene	8.131	146	424297	34.567	ng	99
15) Benzyl Alcohol	8.037	79	309179	30.441	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.319	45	244473	17.457	ng	# 57
17) 2-Methylphenol	8.243	107	305694	32.816	ng	98
18) Hexachloroethane	8.866	117	429233	92.067	ng	# 53
19) n-Nitroso-di-n-propyla...	8.578	70	347670	41.062	ng	99
20) 3+4-Methylphenols	8.543	107	511394	39.604	ng	99
22) Acetophenone	8.590	105	774732	86.068	ng	98
24) Nitrobenzene	8.966	77	536503	84.602	ng	98
25) Isophorone	9.507	82	1014281	80.771	ng	98
26) 2-Nitrophenol	9.672	139	279469	85.872	ng	99
27) 2,4-Dimethylphenol	9.749	122	417062	74.518	ng	97
28) bis(2-Chloroethoxy)met...	9.984	93	542429	71.459	ng	97
29) 2,4-Dichlorophenol	10.231	162	449299	80.812	ng	99
30) 1,2,4-Trichlorobenzene	10.443	180	470127	77.137	ng	98
31) Naphthalene	10.607	128	53257232m	2854.698	ng	
32) Benzoic acid	9.872	122	130466	31.575	ng	99
33) 4-Chloroaniline	10.713	127	245084m	29.741	ng	
34) Hexachlorobutadiene	10.884	225	269655	71.043	ng	97
35) Caprolactam	11.507	113	33012	16.193	ng	92
36) 4-Chloro-3-methylphenol	11.837	107	481225	75.431	ng	91
37) 2-Methylnaphthalene	12.219	142	9833822	809.982	ng	97
38) 1-Methylnaphthalene	12.431	142	6970742	539.898	ng	99
40) 1,2,4,5-Tetrachloroben...	12.572	216	570448	47.272	ng	99
41) Hexachlorocyclopentadiene	12.554	237	532370	73.036	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	388583	47.698	ng	99

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44) 2,4,5-Trichlorophenol	12.901	196	423357	47.415	ng	97
46) 1,1'-Biphenyl	13.219	154	2017741	66.493	ng	99
47) 2-Chloronaphthalene	13.260	162	1096677	46.423	ng	98
48) 2-Nitroaniline	13.466	65	352640	51.231	ng	99
49) Acenaphthylene	14.125	152	6895606	176.403	ng	99
50) Dimethylphthalate	13.842	163	1390812	45.456	ng	99
51) 2,6-Dinitrotoluene	13.960	165	314131	48.710	ng	92
52) Acenaphthene	14.466	154	1167251	50.872	ng	100
53) 3-Nitroaniline	14.295	138	223346	30.782	ng	94
54) 2,4-Dinitrophenol	14.513	184	383271	111.288	ng	98
55) Dibenzofuran	14.807	168	1764171	48.631	ng	98
56) 4-Nitrophenol	14.642	139	241694	40.537	ng	92
57) 2,4-Dinitrotoluene	14.766	165	458819	49.866	ng	96
58) Fluorene	15.460	166	1850230	64.638	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.037	232	379145	48.091	ng	99
60) Diethylphthalate	15.231	149	1443076	46.416	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	655680	46.058	ng	96
62) 4-Nitroaniline	15.484	138	349130	46.936	ng	95
63) Azobenzene	15.754	77	1311741	49.274	ng	98
65) 4,6-Dinitro-2-methylph...	15.548	198	268592	52.915	ng	96
66) n-Nitrosodiphenylamine	15.666	169	1192328	48.017	ng	100
67) 4-Bromophenyl-phenylether	16.366	248	442265	49.383	ng	95
68) Hexachlorobenzene	16.489	284	516257	49.728	ng	98
69) Atrazine	16.654	200	428690	46.099	ng	99
70) Pentachlorophenol	16.848	266	659376	100.616	ng	97
71) Phenanthrene	17.242	178	2855159	63.828	ng	99
72) Anthracene	17.336	178	2308905	50.545	ng	99
73) Carbazole	17.619	167	2594549	60.300	ng	99
74) Di-n-butylphthalate	18.207	149	2643612	49.938	ng	100
75) Fluoranthene	19.325	202	2617503	49.056	ng	99
77) Benzidine	19.513	184	785899	25.933	ng	100
78) Pyrene	19.701	202	2744373	47.550	ng	100
80) Butylbenzylphthalate	20.636	149	1291637	49.379	ng	98
81) Benzo(a)anthracene	21.619	228	2778578	47.447	ng	99
82) 3,3'-Dichlorobenzidine	21.530	252	910515	41.249	ng	99
83) Chrysene	21.683	228	2668181	48.651	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1818319	47.223	ng	100
85) Di-n-octyl phthalate	22.836	149	3269105	49.360	ng	99
87) Indeno(1,2,3-cd)pyrene	28.836	276	3751770	48.377	ng	# 91
88) Benzo(b)fluoranthene	23.948	252	2986627	47.895	ng	98
89) Benzo(k)fluoranthene	24.024	252	2942937	47.163	ng	99
90) Benzo(a)pyrene	24.854	252	2870696	47.293	ng	99
91) Dibenzo(a,h)anthracene	28.924	278	3109637	49.066	ng	98
92) Benzo(g,h,i)perylene	30.042	276	2995786	48.088	ng	98

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

