

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
 Data File : BP025602.D
 Acq On : 27 Aug 2025 14:18
 Operator : CG/JU
 Sample : Q2924-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-201-082025MS

Manual Integrations
 APPROVED

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

Quant Time: Aug 27 14:56:06 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	7.784	152	177033	20.000	ng	-0.01
21) Naphthalene-d8	10.566	136	389081m	20.000	ng	0.00
39) Acenaphthene-d10	14.389	164	432672	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	850262	20.000	ng	-0.01
76) Chrysene-d12	21.636	240	903685	20.000	ng	-0.01
86) Perylene-d12	25.001	264	1056322	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.413	112	720276	67.567	ng	0.00
7) Phenol-d6	6.972	99	565271	41.360	ng	0.00
23) Nitrobenzene-d5	8.925	82	1139805	148.189	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	802398	137.779	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2521559	79.649	ng	-0.02
79) Terphenyl-d14	19.919	244	3799180	76.917	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.325	88	86034	20.604	ng	97
3) Pyridine	3.725	79	216603	18.952	ng	96
4) n-Nitrosodimethylamine	3.631	42	114731	24.350	ng	# 94
6) Aniline	7.119	93	435007	23.623	ng	97
8) 2-Chlorophenol	7.360	128	461645	38.376	ng	100
9) Benzaldehyde	6.937	77	356363	37.216	ng	# 1
10) Phenol	7.002	94	223179	15.562	ng	85
11) bis(2-Chloroethyl)ether	7.213	93	480450	42.982	ng	# 82
12) 1,3-Dichlorobenzene	7.672	146	447780	33.758	ng	98
13) 1,4-Dichlorobenzene	7.819	146	456562	33.675	ng	100
14) 1,2-Dichlorobenzene	8.131	146	451271	34.385	ng	100
15) Benzyl Alcohol	8.043	79	330762	30.458	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.325	45	248133	16.571	ng	# 56
17) 2-Methylphenol	8.249	107	326777	32.808	ng	99
18) Hexachloroethane	8.866	117	450683	90.410	ng	# 55
19) n-Nitroso-di-n-propyla...	8.578	70	370268	40.900	ng	99
20) 3+4-Methylphenols	8.549	107	547488	39.655	ng	99
22) Acetophenone	8.596	105	828397	84.900	ng	98
24) Nitrobenzene	8.966	77	572174	83.237	ng	99
25) Isophorone	9.513	82	1078122	79.204	ng	99
26) 2-Nitrophenol	9.672	139	296181	83.956	ng	98
27) 2,4-Dimethylphenol	9.749	122	445083	73.364	ng	100
28) bis(2-Chloroethoxy)met...	9.990	93	561312	68.218	ng	97
29) 2,4-Dichlorophenol	10.231	162	471453	78.228	ng	97
30) 1,2,4-Trichlorobenzene	10.443	180	497208	75.260	ng	98
31) Naphthalene	10.607	128	53384471m	2639.830	ng	
32) Benzoic acid	9.872	122	137031	30.594	ng	95
33) 4-Chloroaniline	10.707	127	246679m	27.615	ng	
34) Hexachlorobutadiene	10.890	225	285321	69.347	ng	98
35) Caprolactam	11.513	113	35758	16.181	ng	90
36) 4-Chloro-3-methylphenol	11.837	107	513005	74.182	ng	95
37) 2-Methylnaphthalene	12.213	142	10166437	772.505	ng	97
38) 1-Methylnaphthalene	12.431	142	7289723	520.863	ng	99
40) 1,2,4,5-Tetrachloroben...	12.572	216	607380	48.606	ng	99
41) Hexachlorocyclopentadiene	12.554	237	583510	77.305	ng	99
43) 2,4,6-Trichlorophenol	12.813	196	410669	48.679	ng	99

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44) 2,4,5-Trichlorophenol	12.901	196	442682	47.879	ng	97
46) 1,1'-Biphenyl	13.219	154	2122145	67.534	ng	99
47) 2-Chloronaphthalene	13.260	162	1159450	47.397	ng	99
48) 2-Nitroaniline	13.460	65	373967	52.466	ng	99
49) Acenaphthylene	14.113	152	7330044	181.084	ng	98
50) Dimethylphthalate	13.842	163	1497485	47.263	ng	99
51) 2,6-Dinitrotoluene	13.966	165	332758	49.828	ng	96
52) Acenaphthene	14.454	154	1259575	53.012	ng	100
53) 3-Nitroaniline	14.295	138	230882	30.729	ng	98
54) 2,4-Dinitrophenol	14.507	184	407573	114.285	ng	99
55) Dibenzofuran	14.789	168	1868479	49.740	ng	100
56) 4-Nitrophenol	14.648	139	251770	40.778	ng	96
57) 2,4-Dinitrotoluene	14.760	165	492932	51.735	ng	98
58) Fluorene	15.454	166	1929806	65.105	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.031	232	404723m	49.575	ng	
60) Diethylphthalate	15.225	149	1570718	48.789	ng	99
61) 4-Chlorophenyl-phenyle...	15.448	204	693292	47.029	ng	99
62) 4-Nitroaniline	15.472	138	362177	47.020	ng	97
63) Azobenzene	15.754	77	1380374	50.074	ng	97
65) 4,6-Dinitro-2-methylph...	15.536	198	283344	53.460	ng	94
66) n-Nitrosodiphenylamine	15.672	169	1286193	49.606	ng	99
67) 4-Bromophenyl-phenylether	16.372	248	467298	49.971	ng	99
68) Hexachlorobenzene	16.483	284	552050	50.927	ng	98
69) Atrazine	16.654	200	450342	46.379	ng	98
70) Pentachlorophenol	16.836	266	715400	104.547	ng	98
71) Phenanthrene	17.236	178	2961334	63.401	ng	100
72) Anthracene	17.336	178	2472023	51.827	ng	100
73) Carbazole	17.607	167	2687128	59.810	ng	100
74) Di-n-butylphthalate	18.201	149	2751702	49.782	ng	100
75) Fluoranthene	19.319	202	2756444	49.475	ng	99
77) Benzidine	19.524	184	778981	25.258	ng	99
78) Pyrene	19.695	202	2876336	48.970	ng	99
80) Butylbenzylphthalate	20.648	149	1322126	49.666	ng	98
81) Benzo(a)anthracene	21.618	228	2864079	48.056	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	904366	40.258	ng	99
83) Chrysene	21.689	228	2708735	48.532	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1840824	46.976	ng	99
85) Di-n-octyl phthalate	22.842	149	3331848	49.432	ng	99
87) Indeno(1,2,3-cd)pyrene	28.853	276	3764445m	48.595	ng	
88) Benzo(b)fluoranthene	23.948	252	3022805	48.529	ng	99
89) Benzo(k)fluoranthene	24.018	252	2971189	47.668	ng	99
90) Benzo(a)pyrene	24.854	252	2898626	47.806	ng	99
91) Dibenzo(a,h)anthracene	28.936	278	3130465	49.450	ng	98
92) Benzo(g,h,i)perylene	30.047	276	3028218	48.663	ng	99

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

