

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025117.D
 Acq On : 14 Jul 2025 12:49
 Operator : CG/JU
 Sample : Q2126-09
 Misc : MDL-MDL-WATER-8 PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/15/2025
 Supervised By :Jagrut Upadhyay 07/15/2025

Quant Time: Jul 14 13:12:06 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	413264	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1707175	20.000	ng	0.00
39) Acenaphthene-d10	14.089	164	1123277	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2305555	20.000	ng	-0.01
76) Chrysene-d12	21.330	240	2590632	20.000	ng	-0.01
86) Perylene-d12	24.453	264	2826859	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2750906	117.944	ng	0.00
7) Phenol-d6	6.631	99	3541751	116.362	ng	0.00
23) Nitrobenzene-d5	8.560	82	2236852	87.139	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	1784665	134.492	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	6129859	84.540	ng	0.00
79) Terphenyl-d14	19.665	244	10028437	85.077	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.119	88	68372	7.539	ng	99
3) Pyridine	3.496	79	176336	7.102	ng	98
4) n-Nitrosodimethylamine	3.402	42	72781	6.923	ng	# 98
6) Aniline	6.784	93	282257	9.925	ng	98
8) 2-Chlorophenol	7.013	128	197740	7.577	ng	99
9) Benzaldehyde	6.596	77	160770	10.114	ng	95
10) Phenol	6.654	94	230752	7.461	ng	100
11) bis(2-Chloroethyl)ether	6.878	93	171648	7.212	ng	99
12) 1,3-Dichlorobenzene	7.331	146	228137	7.811	ng	99
13) 1,4-Dichlorobenzene	7.472	146	230451	7.793	ng	97
14) 1,2-Dichlorobenzene	7.778	146	221511	7.787	ng	98
15) Benzyl Alcohol	7.672	79	150566	7.412	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.960	45	227673	7.357	ng	97
17) 2-Methylphenol	7.872	107	148571	7.458	ng	99
18) Hexachloroethane	8.495	117	75278	7.815	ng	99
19) n-Nitroso-di-n-propyla...	8.231	70	135776	7.522	ng	96
20) 3+4-Methylphenols	8.195	107	203155	7.280	ng	100
22) Acetophenone	8.237	105	296042	7.332	ng	98
24) Nitrobenzene	8.607	77	204827	7.834	ng	98
25) Isophorone	9.131	82	367522	7.661	ng	98
26) 2-Nitrophenol	9.307	139	83048	9.397	ng	97
27) 2,4-Dimethylphenol	9.384	122	173068	9.671	ng	98
28) bis(2-Chloroethoxy)met...	9.619	93	236186	7.251	ng	100
29) 2,4-Dichlorophenol	9.837	162	171509	6.912	ng	98
30) 1,2,4-Trichlorobenzene	10.054	180	206811	7.526	ng	99
31) Naphthalene	10.236	128	635827	7.233	ng	99
32) Benzoic acid	9.437	122	79763	10.089	ng	94
33) 4-Chloroaniline	10.342	127	263286	8.026	ng	98
34) Hexachlorobutadiene	10.531	225	119096	7.553	ng	99
35) Caprolactam	11.084	113	57488	6.772	ng	97
36) 4-Chloro-3-methylphenol	11.472	107	178402	6.880	ng	98
37) 2-Methylnaphthalene	11.860	142	403096	6.499	ng	100
38) 1-Methylnaphthalene	12.083	142	422677	6.987	ng	99
40) 1,2,4,5-Tetrachloroben...	12.236	216	228796	7.087	ng	98
41) Hexachlorocyclopentadiene	12.225	237	105248	12.481	ng	99
43) 2,4,6-Trichlorophenol	12.483	196	141431	7.235	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025117.D
 Acq On : 14 Jul 2025 12:49
 Operator : CG/JU
 Sample : Q2126-09
 Misc : MDL-MDL-WATER-8 PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Quant Time: Jul 14 13:12:06 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

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/15/2025
 Supervised By :Jagrut Upadhyay 07/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.548	196	157239	7.098	ng	98
46) 1,1'-Biphenyl	12.901	154	597836	7.315	ng	99
47) 2-Chloronaphthalene	12.936	162	458465	7.463	ng	99
48) 2-Nitroaniline	13.142	65	96332	8.798	ng	97
49) Acenaphthylene	13.801	152	729541	7.760	ng	99
50) Dimethylphthalate	13.548	163	573428	7.293	ng	99
51) 2,6-Dinitrotoluene	13.654	165	107311	6.998	ng	98
52) Acenaphthene	14.160	154	437170m	7.214	ng	
53) 3-Nitroaniline	13.983	138	121653	7.402	ng	# 99
54) 2,4-Dinitrophenol	14.195	184	39447	10.294	ng	96
55) Dibenzofuran	14.501	168	717758	7.177	ng	99
56) 4-Nitrophenol	14.301	139	98786	6.513	ng	97
57) 2,4-Dinitrotoluene	14.454	165	137237	8.400	ng	99
58) Fluorene	15.154	166	570366	7.374	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.725	232	145013	7.228	ng	99
60) Diethylphthalate	14.960	149	557192	7.055	ng	99
61) 4-Chlorophenyl-phenyle...	15.177	204	284521	7.433	ng	99
62) 4-Nitroaniline	15.177	138	126269	7.327	ng	96
63) Azobenzene	15.472	77	472980	6.726	ng	98
65) 4,6-Dinitro-2-methylph...	15.242	198	60130	10.644	ng	98
66) n-Nitrosodiphenylamine	15.383	169	490467	7.433	ng	100
67) 4-Bromophenyl-phenylether	16.083	248	179543	7.606	ng	98
68) Hexachlorobenzene	16.189	284	214864	7.447	ng	99
69) Atrazine	16.377	200	163163	8.439	ng	98
70) Pentachlorophenol	16.542	266	118574	6.085	ng	98
71) Phenanthrene	16.936	178	932470	7.569	ng	99
72) Anthracene	17.042	178	897683	7.595	ng	100
73) Carbazole	17.318	167	861075	7.451	ng	99
74) Di-n-butylphthalate	17.954	149	876177	6.809	ng	100
75) Fluoranthene	19.042	202	1040807	7.228	ng	99
77) Benzidine	19.254	184	459822	10.050	ng	98
78) Pyrene	19.418	202	1119443	6.977	ng	99
80) Butylbenzylphthalate	20.418	149	371015	9.223	ng	97
81) Benzo(a)anthracene	21.312	228	1177473	7.500	ng	99
82) 3,3'-Dichlorobenzidine	21.248	252	368949	7.807	ng	97
83) Chrysene	21.377	228	1120275	7.415	ng	98
84) Bis(2-ethylhexyl)phtha...	21.307	149	584059	6.936	ng	99
85) Di-n-octyl phthalate	22.524	149	863056	10.978	ng	98
87) Indeno(1,2,3-cd)pyrene	27.965	276	1348814m	7.490	ng	
88) Benzo(b)fluoranthene	23.477	252	1141674	6.939	ng	100
89) Benzo(k)fluoranthene	23.536	252	1179800	7.206	ng	99
90) Benzo(a)pyrene	24.306	252	1072102	7.656	ng	99
91) Dibenzo(a,h)anthracene	28.071	278	1114759	7.489	ng	99
92) Benzo(g,h,i)perylene	29.035	276	1126864	7.328	ng	100

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

