

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
 Data File : BP025674.D
 Acq On : 05 Sep 2025 12:02
 Operator : CG/JU
 Sample : Q2893-09
 Misc : MDL-WATER 4PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT3-2025

Quant Time: Sep 05 12:39:21 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

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/08/2025
 Supervised By :Jagrut Upadhyay 09/08/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	124054	20.000	ng	-0.03
21) Naphthalene-d8	10.537	136	499502	20.000	ng	-0.02
39) Acenaphthene-d10	14.396	164	337888	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	705791	20.000	ng	0.00
76) Chrysene-d12	21.642	240	827850	20.000	ng	0.00
86) Perylene-d12	25.013	264	953147	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	842889	112.837	ng	-0.02
7) Phenol-d6	6.955	99	1077358	112.492	ng	-0.01
23) Nitrobenzene-d5	8.908	82	762647	77.235	ng	-0.03
42) 2,4,6-Tribromophenol	15.913	330	555981	122.247	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	1828166	73.945	ng	-0.02
79) Terphenyl-d14	19.919	244	3369840	74.474	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.314	88	12266	4.192	ng	98
3) Pyridine	3.725	79	28166	3.517	ng	# 91
4) n-Nitrosodimethylamine	3.625	42	12471	3.777	ng	# 86
6) Aniline	7.102	93	44379	3.439	ng	94
8) 2-Chlorophenol	7.349	128	30737	3.646	ng	92
9) Benzaldehyde	6.925	77	26699	3.979	ng	98
10) Phenol	6.978	94	34633	3.446	ng	# 64
11) bis(2-Chloroethyl)ether	7.196	93	28545	3.644	ng	98
12) 1,3-Dichlorobenzene	7.661	146	33636	3.619	ng	93
13) 1,4-Dichlorobenzene	7.802	146	35521	3.739	ng	92
14) 1,2-Dichlorobenzene	8.119	146	34344	3.734	ng	95
15) Benzyl Alcohol	8.013	79	24975	3.282	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.284	45	42196	4.021	ng	96
17) 2-Methylphenol	8.213	107	22299	3.195	ng	98
18) Hexachloroethane	8.837	117	13418	3.841	ng	91
19) n-Nitroso-di-n-propyla...	8.566	70	22376	3.527	ng	93
20) 3+4-Methylphenols	8.549	107	27932	2.887	ng	97
22) Acetophenone	8.584	105	46675	3.726	ng	# 95
24) Nitrobenzene	8.955	77	37503	4.250	ng	99
25) Isophorone	9.478	82	61236	3.504	ng	98
26) 2-Nitrophenol	9.666	139	13476	2.975	ng	96
27) 2,4-Dimethylphenol	9.737	122	24394	3.132	ng	98
28) bis(2-Chloroethoxy)met...	9.960	93	34816	3.296	ng	96
29) 2,4-Dichlorophenol	10.231	162	21202	2.740	ng	89
30) 1,2,4-Trichlorobenzene	10.402	180	30356	3.579	ng	96
31) Naphthalene	10.590	128	95259	3.669	ng	99
32) Benzoic acid	9.890	122	7794m	1.355	ng	
33) 4-Chloroaniline	10.713	127	34040	2.968	ng	# 93
34) Hexachlorobutadiene	10.878	225	20452	3.872	ng	95
35) Caprolactam	11.496	113	7991	2.817	ng	# 80
36) 4-Chloro-3-methylphenol	11.849	107	27955	3.149	ng	92
37) 2-Methylnaphthalene	12.207	142	60539	3.583	ng	96
38) 1-Methylnaphthalene	12.413	142	64063m	3.566	ng	
40) 1,2,4,5-Tetrachloroben...	12.578	216	36735	3.764	ng	99
41) Hexachlorocyclopentadiene	12.549	237	8942	1.517	ng	90
43) 2,4,6-Trichlorophenol	12.831	196	19571	2.971	ng	94

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44) 2,4,5-Trichlorophenol	12.913	196	23408	3.242	ng	94
46) 1,1'-Biphenyl	13.213	154	89435	3.645	ng	99
47) 2-Chloronaphthalene	13.260	162	68502	3.586	ng	99
48) 2-Nitroaniline	13.472	65	17917	3.219	ng	# 76
49) Acenaphthylene	14.113	152	109393	3.461	ng	98
50) Dimethylphthalate	13.848	163	92922	3.755	ng	98
51) 2,6-Dinitrotoluene	13.966	165	17037	3.267	ng	# 88
52) Acenaphthene	14.460	154	66547	3.586	ng	99
53) 3-Nitroaniline	14.313	138	14130	2.408	ng	# 97
54) 2,4-Dinitrophenol	14.548	184	5022	1.803	ng	# 83
55) Dibenzofuran	14.807	168	110629	3.771	ng	96
56) 4-Nitrophenol	14.760	139	3549	0.736	ng	# 77
57) 2,4-Dinitrotoluene	14.772	165	22976	3.088	ng	# 95
58) Fluorene	15.460	166	88834	3.838	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	22086	3.464	ng	98
60) Diethylphthalate	15.225	149	96525	3.839	ng	98
61) 4-Chlorophenyl-phenyle...	15.454	204	44349	3.852	ng	96
62) 4-Nitroaniline	15.519	138	13726m	2.282	ng	
63) Azobenzene	15.748	77	81998	3.809	ng	93
65) 4,6-Dinitro-2-methylph...	15.566	198	10547	2.397	ng	84
66) n-Nitrosodiphenylamine	15.672	169	76601	3.559	ng	97
67) 4-Bromophenyl-phenylether	16.366	248	27552	3.549	ng	92
68) Hexachlorobenzene	16.490	284	34157	3.796	ng	97
69) Atrazine	16.648	200	27758	3.444	ng	94
70) Pentachlorophenol	16.860	266	14687	2.586	ng	92
71) Phenanthrene	17.237	178	144552	3.728	ng	98
72) Anthracene	17.342	178	139550	3.525	ng	97
73) Carbazole	17.631	167	125733	3.371	ng	98
74) Di-n-butylphthalate	18.207	149	158441	3.453	ng	100
75) Fluoranthene	19.325	202	168831	3.651	ng	97
77) Benzidine	19.536	184	72826	2.578	ng	99
78) Pyrene	19.701	202	178193	3.312	ng	98
80) Butylbenzylphthalate	20.642	149	78511	3.219	ng	97
81) Benzo(a)anthracene	21.619	228	195172	3.575	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	64532	3.136	ng	94
83) Chrysene	21.683	228	186274	3.643	ng	99
84) Bis(2-ethylhexyl)phtha...	21.548	149	120747	3.364	ng	99
85) Di-n-octyl phthalate	22.830	149	208333	3.374	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.848	276	240888	3.446	ng	# 90
88) Benzo(b)fluoranthene	23.942	252	197369	3.512	ng	98
89) Benzo(k)fluoranthene	24.019	252	195591	3.478	ng	98
90) Benzo(a)pyrene	24.854	252	188176	3.439	ng	97
91) Dibenzo(a,h)anthracene	28.930	278	189995	3.326	ng	96
92) Benzo(g,h,i)perylene	30.030	276	189288	3.371	ng	99

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

