Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025108.D
Acq On : 11 Jul 2025 17:48
Operator : CG/JU
Sample : Q2126-07
Misc : LOD-MDL-WATER-8 PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Quant Time: Jul 18 07:10:43 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	355084	20.000	ng		0.00
21) Naphthalene-d8	10.184	136	1476373	20.000	ng		0.00
39) Acenaphthene-d10	14.090	164	956330	20.000	ng		0.00
64) Phenanthrene-d10	16.913	188	1947372	20.000	ng		0.00
76) Chrysene-d12	21.336	240	2219318	20.000	ng		0.00
86) Perylene-d12	24.454	264	2383752	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	2828185	141.125	ng		0.00
7) Phenol-d6	6.631	99	3613648	138.177	ng		0.00
23) Nitrobenzene-d5	8.561	82	2317027	104.373	ng		0.00
42) 2,4,6-Tribromophenol	15.613	330	1841478	162.999	ng		0.00
45) 2-Fluorobiphenyl	12.696	172	6323561	102.436	ng		0.00
79) Terphenyl-d14	19.672	244	10292314	101.925	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.126	88	66976	8.595	ng		98
3) Pyridine	3.496	79	178192	8.352	ng		98
4) n-Nitrosodimethylamine	3.408	42	73905	8.181	ng	#	98
6) Aniline	6.778	93	285885	11.700	ng		99
8) 2-Chlorophenol	7.014	128	204655	9.127	ng		98
9) Benzaldehyde	6.596	77	165138	12.091	ng		94
10) Phenol	6.655	94	235158	8.850	ng		97
11) bis(2-Chloroethyl)ether	6.878	93	179635	8.784	ng		99
12) 1,3-Dichlorobenzene	7.331	146	229681	9.153	ng		98
13) 1,4-Dichlorobenzene	7.472	146	233275	9.181	ng		98
14) 1,2-Dichlorobenzene	7.778	146	226015	9.247	ng		97
15) Benzyl Alcohol	7.672	79	156659	8.975	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.961	45	239525	9.008	ng		98
17) 2-Methylphenol	7.866	107	153160	8.948	ng		98
18) Hexachloroethane	8.496	117	79008	9.546	ng		99
19) n-Nitroso-di-n-propyla...	8.225	70	143644	9.262	ng		100
20) 3+4-Methylphenols	8.190	107	210376	8.775	ng		98
22) Acetophenone	8.237	105	309972	8.878	ng	#	98
24) Nitrobenzene	8.602	77	213170	9.427	ng		96
25) Isophorone	9.131	82	396995	9.569	ng		99
26) 2-Nitrophenol	9.302	139	89464	10.894	ng		98
27) 2,4-Dimethylphenol	9.378	122	187760	12.133	ng		98
28) bis(2-Chloroethoxy)met...	9.613	93	251844	8.940	ng		98
29) 2,4-Dichlorophenol	9.831	162	185089	8.625	ng		97
30) 1,2,4-Trichlorobenzene	10.049	180	216194	9.098	ng		98
31) Naphthalene	10.231	128	655370	8.621	ng		99
32) Benzoic acid	9.443	122	90007	11.273	ng		93
33) 4-Chloroaniline	10.331	127	276241	9.737	ng		99
34) Hexachlorobutadiene	10.537	225	126525	9.278	ng		98
35) Caprolactam	11.078	113	60380	8.225	ng		92
36) 4-Chloro-3-methylphenol	11.472	107	188758	8.417	ng		98
37) 2-Methylnaphthalene	11.854	142	420310	7.836	ng		98
38) 1-Methylnaphthalene	12.078	142	448873	8.581	ng		100
40) 1,2,4,5-Tetrachloroben...	12.231	216	247650	9.010	ng		99
41) Hexachlorocyclopentadiene	12.225	237	111598	15.545	ng		98
43) 2,4,6-Trichlorophenol	12.478	196	151627	9.111	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.543	196	165759	8.789	ng		99
46) 1,1'-Biphenyl	12.896	154	627620	9.020	ng		99
47) 2-Chloronaphthalene	12.931	162	472237	9.030	ng		98
48) 2-Nitroaniline	13.137	65	101406	10.224	ng		97
49) Acenaphthylene	13.801	152	757033	9.458	ng		99
50) Dimethylphthalate	13.549	163	599509	8.955	ng		100
51) 2,6-Dinitrotoluene	13.654	165	113018	8.656	ng		98
52) Acenaphthene	14.154	154	451707	8.756	ng		100
53) 3-Nitroaniline	13.984	138	127265	9.096	ng	#	92
54) 2,4-Dinitrophenol	14.196	184	41159	11.401	ng		98
55) Dibenzofuran	14.501	168	755603	8.875	ng		99
56) 4-Nitrophenol	14.301	139	102921	7.971	ng		98
57) 2,4-Dinitrotoluene	14.460	165	146773	9.876	ng		98
58) Fluorene	15.172	166	592087	8.991	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.725	232	152978	8.957	ng		97
60) Diethylphthalate	14.954	149	582276	8.660	ng		98
61) 4-Chlorophenyl-phenyle...	15.178	204	296566	9.100	ng		99
62) 4-Nitroaniline	15.178	138	132995	9.065	ng		99
63) Azobenzene	15.478	77	486445	8.125	ng		97
65) 4,6-Dinitro-2-methylph...	15.243	198	61690	11.731	ng		99
66) n-Nitrosodiphenylamine	15.384	169	507379	9.104	ng		98
67) 4-Bromophenyl-phenylether	16.090	248	183099	9.183	ng		95
68) Hexachlorobenzene	16.195	284	225786	9.265	ng		99
69) Atrazine	16.384	200	177661	10.879	ng		99
70) Pentachlorophenol	16.560	266	132612	8.057	ng		98
71) Phenanthrene	16.960	178	937313	9.008	ng		99
72) Anthracene	17.042	178	926838	9.284	ng		99
73) Carbazole	17.331	167	878909	9.005	ng		99
74) Di-n-butylphthalate	17.954	149	987000	9.081	ng		100
75) Fluoranthene	19.054	202	1099243	9.037	ng		100
77) Benzidine	19.260	184	481464	12.283	ng		99
78) Pyrene	19.431	202	1163434	8.464	ng		99
80) Butylbenzylphthalate	20.425	149	418537	10.979	ng		99
81) Benzo(a)anthracene	21.319	228	1221415	9.082	ng		99
82) 3,3'-Dichlorobenzidine	21.254	252	391979	9.681	ng		98
83) Chrysene	21.383	228	1149255	8.879	ng		98
84) Bis(2-ethylhexyl)phtha...	21.313	149	660348	9.154	ng		99
85) Di-n-octyl phthalate	22.530	149	990362	12.634	ng		99
87) Indeno(1,2,3-cd)pyrene	27.977	276	1377211m	9.069	ng		
88) Benzo(b)fluoranthene	23.483	252	1168238	8.420	ng		100
89) Benzo(k)fluoranthene	23.554	252	1199386	8.688	ng		99
90) Benzo(a)pyrene	24.319	252	1098537	9.303	ng		99
91) Dibenzo(a,h)anthracene	28.077	278	1123359	8.949	ng		99
92) Benzo(g,h,i)perylene	29.065	276	1123217	8.662	ng		100

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

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