Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112125\
Data File : BP026183.D
Acq On : 21 Nov 2025 13:19
Operator : RC/JU
Sample : Q3530-09
Misc : MDL-WATER-8NG
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2025

Quant Time: Nov 21 13:39:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.672	152	401402	20.000	ng		0.00
21) Naphthalene-d8	10.431	136	1376390	20.000	ng		-0.02
39) Acenaphthene-d10	14.301	164	787319	20.000	ng		-0.02
64) Phenanthrene-d10	17.113	188	1454424	20.000	ng		-0.02
76) Chrysene-d12	21.572	240	1465205	20.000	ng		0.00
86) Perylene-d12	24.901	264	1535750	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.302	112	3341347	133.610	ng		0.01
7) Phenol-d6	6.855	99	3580200	112.453	ng		0.00
23) Nitrobenzene-d5	8.807	82	2159460	89.119	ng		0.00
42) 2,4,6-Tribromophenol	15.825	330	1184566	115.981	ng		-0.01
45) 2-Fluorobiphenyl	12.913	172	4878513	90.814	ng		-0.02
79) Terphenyl-d14	19.872	244	6684092	93.019	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.255	88	95117	9.377	ng		98
3) Pyridine	3.643	79	203260	6.934	ng		97
4) n-Nitrosodimethylamine	3.549	42	78672	7.181	ng	#	93
6) Aniline	7.008	93	282978	6.732	ng		99
8) 2-Chlorophenol	7.243	128	211279	7.422	ng		96
9) Benzaldehyde	6.825	77	152151	9.120	ng		99
10) Phenol	6.878	94	239079	6.971	ng		96
11) bis(2-Chloroethyl)ether	7.102	93	183076	6.817	ng		100
12) 1,3-Dichlorobenzene	7.566	146	256281	8.357	ng		99
13) 1,4-Dichlorobenzene	7.702	146	253779	8.212	ng		100
14) 1,2-Dichlorobenzene	8.019	146	236516	7.970	ng		98
15) Benzyl Alcohol	7.902	79	146932	6.300	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.196	45	262260	6.954	ng		99
17) 2-Methylphenol	8.102	107	150175	6.432	ng		97
18) Hexachloroethane	8.737	117	88808	7.898	ng		98
19) n-Nitroso-di-n-propyla...	8.460	70	113428	5.735	ng		97
20) 3+4-Methylphenols	8.425	107	195659	6.048	ng		98
22) Acetophenone	8.478	105	271555	7.762	ng	#	98
24) Nitrobenzene	8.849	77	197207	8.046	ng		99
25) Isophorone	9.372	82	340114	7.080	ng		98
26) 2-Nitrophenol	9.555	139	79988	6.449	ng		96
27) 2,4-Dimethylphenol	9.613	122	142092	6.353	ng		100
28) bis(2-Chloroethoxy)met...	9.849	93	228649	7.600	ng		99
29) 2,4-Dichlorophenol	10.084	162	160536	7.182	ng		99
30) 1,2,4-Trichlorobenzene	10.302	180	197536	8.678	ng		99
31) Naphthalene	10.478	128	586891	7.890	ng		99
32) Benzoic acid	9.684	122	68894	3.658	ng		99
33) 4-Chloroaniline	10.590	127	224558	7.099	ng		99
34) Hexachlorobutadiene	10.778	225	122069	8.246	ng		99
35) Caprolactam	11.349	113	42551	5.316	ng		97
36) 4-Chloro-3-methylphenol	11.713	107	155644	6.551	ng		100
37) 2-Methylnaphthalene	12.096	142	352256	6.680	ng		99
38) 1-Methylnaphthalene	12.319	142	368412	7.147	ng		99
40) 1,2,4,5-Tetrachloroben...	12.472	216	208040	8.739	ng		100
41) Hexachlorocyclopentadiene	12.460	237	93139	5.978	ng		100
43) 2,4,6-Trichlorophenol	12.713	196	121104	7.420	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.784	196	135138	7.418	ng		99
46)	1,1'-Biphenyl	13.125	154	496411	8.373	ng		99
47)	2-Chloronaphthalene	13.160	162	386508	8.291	ng		99
48)	2-Nitroaniline	13.360	65	84418	6.512	ng		92
49)	Acenaphthylene	14.013	152	587114	7.635	ng		100
50)	Dimethylphthalate	13.754	163	445670	7.579	ng		100
51)	2,6-Dinitrotoluene	13.866	165	85376	7.327	ng		95
52)	Acenaphthene	14.360	154	359792	7.984	ng		99
53)	3-Nitroaniline	14.201	138	85495	6.232	ng	#	97
54)	2,4-Dinitrophenol	14.401	184	28297	4.023	ng		94
55)	Dibenzofuran	14.707	168	554167	7.940	ng		98
56)	4-Nitrophenol	14.519	139	60779	4.897	ng		91
57)	2,4-Dinitrotoluene	14.660	165	108268	6.223	ng	#	95
58)	Fluorene	15.366	166	430745	7.808	ng		99
59)	2,3,4,6-Tetrachlorophenol	14.942	232	112662	7.289	ng		99
60)	Diethylphthalate	15.148	149	430527	7.268	ng		99
61)	4-Chlorophenyl-phenyle...	15.372	204	220277	8.025	ng		96
62)	4-Nitroaniline	15.378	138	78357	5.500	ng		97
63)	Azobenzene	15.672	77	371779	7.443	ng		99
65)	4,6-Dinitro-2-methylph...	15.442	198	48813	5.283	ng		93
66)	n-Nitrosodiphenylamine	15.589	169	368802	8.197	ng		99
67)	4-Bromophenyl-phenylether	16.289	248	128177	7.958	ng		97
68)	Hexachlorobenzene	16.401	284	148419	7.941	ng		98
69)	Atrazine	16.578	200	123327	7.269	ng		98
70)	Pentachlorophenol	16.760	266	86058	6.582	ng		98
71)	Phenanthrene	17.160	178	658271	8.034	ng		100
72)	Anthracene	17.260	178	646329	7.734	ng		99
73)	Carbazole	17.536	167	603734	7.607	ng		98
74)	Di-n-butylphthalate	18.148	149	695233	7.389	ng		99
75)	Fluoranthene	19.260	202	745419	7.488	ng		100
77)	Benzidine	19.466	184	261236	5.618	ng		98
78)	Pyrene	19.636	202	790247	8.226	ng		99
80)	Butylbenzylphthalate	20.607	149	296716	7.013	ng		96
81)	Benzo(a)anthracene	21.554	228	783697	7.788	ng		99
82)	3,3'-Dichlorobenzidine	21.477	252	248771	6.798	ng		98
83)	Chrysene	21.624	228	742205	7.826	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.513	149	456358	7.126	ng		99
85)	Di-n-octyl phthalate	22.801	149	701287	6.262	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.659	276	869121	7.546	ng	#	94
88)	Benzo(b)fluoranthene	23.848	252	732753	7.835	ng		100
89)	Benzo(k)fluoranthene	23.913	252	756043	8.093	ng		98
90)	Benzo(a)pyrene	24.736	252	701508	7.919	ng		99
91)	Dibenzo(a,h)anthracene	28.736	278	711103	7.542	ng		98
92)	Benzo(g,h,i)perylene	29.824	276	717787	7.659	ng		97

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

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