Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091525\
Data File : BP025750.D
Acq On : 15 Sep 2025 13:10
Operator : CG/JU
Sample : Q2893-09
Misc : Q3-MDL-WATER-8PPM
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Sep 15 13:41:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.755	152	142265	20.000	ng		0.00
21) Naphthalene-d8	10.525	136	586232	20.000	ng		0.00
39) Acenaphthene-d10	14.372	164	396791	20.000	ng		0.00
64) Phenanthrene-d10	17.184	188	843987	20.000	ng		0.00
76) Chrysene-d12	21.630	240	933032	20.000	ng		-0.01
86) Perylene-d12	24.989	264	985450	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.378	112	1205656	136.744	ng		0.00
7) Phenol-d6	6.943	99	1647125	140.548	ng		0.00
23) Nitrobenzene-d5	8.902	82	1158905	87.202	ng		0.00
42) 2,4,6-Tribromophenol	15.895	330	674790	136.344	ng		-0.01
45) 2-Fluorobiphenyl	12.984	172	2646240	88.799	ng		0.00
79) Terphenyl-d14	19.907	244	4437949	85.568	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	32961	8.907	ng		98
3) Pyridine	3.714	79	84643	8.307	ng		99
4) n-Nitrosodimethylamine	3.620	42	40380	8.398	ng	#	95
6) Aniline	7.096	93	139046	8.643	ng		99
8) 2-Chlorophenol	7.331	128	85378	8.827	ng		95
9) Benzaldehyde	6.914	77	80510m	11.462	ng		
10) Phenol	6.966	94	109601	8.869	ng		92
11) bis(2-Chloroethyl)ether	7.190	93	86717	8.734	ng		98
12) 1,3-Dichlorobenzene	7.649	146	96538	8.769	ng		98
13) 1,4-Dichlorobenzene	7.790	146	99657	8.887	ng		98
14) 1,2-Dichlorobenzene	8.108	146	96520	8.860	ng		100
15) Benzyl Alcohol	8.002	79	75086	7.754	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.272	45	144133	8.877	ng		97
17) 2-Methylphenol	8.202	107	69073	8.291	ng		98
18) Hexachloroethane	8.825	117	37033	8.646	ng		99
19) n-Nitroso-di-n-propyla...	8.549	70	70177	8.585	ng		98
20) 3+4-Methylphenols	8.537	107	90641	7.768	ng		97
22) Acetophenone	8.572	105	143237	9.143	ng		97
24) Nitrobenzene	8.943	77	111498	9.352	ng		98
25) Isophorone	9.466	82	191958	8.218	ng		97
26) 2-Nitrophenol	9.655	139	40484	7.648	ng		97
27) 2,4-Dimethylphenol	9.719	122	69906	7.528	ng		94
28) bis(2-Chloroethoxy)met...	9.943	93	115066	8.522	ng		99
29) 2,4-Dichlorophenol	10.213	162	72676	7.849	ng		97
30) 1,2,4-Trichlorobenzene	10.396	180	90926	8.714	ng		96
31) Naphthalene	10.578	128	277280	8.772	ng		100
32) Benzoic acid	9.837	122	40904m	5.925	ng		
33) 4-Chloroaniline	10.702	127	103711	7.872	ng		98
34) Hexachlorobutadiene	10.860	225	58045	8.641	ng		98
35) Caprolactam	11.472	113	26072	7.305	ng		96
36) 4-Chloro-3-methylphenol	11.825	107	88228	7.993	ng		97
37) 2-Methylnaphthalene	12.184	142	174166	8.579	ng		96
38) 1-Methylnaphthalene	12.407	142	189546	8.755	ng		99
40) 1,2,4,5-Tetrachloroben...	12.554	216	107806	8.966	ng		98
41) Hexachlorocyclopentadiene	12.531	237	35601	5.436	ng		98
43) 2,4,6-Trichlorophenol	12.807	196	61753	7.812	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	70531	8.018	ng		97
46) 1,1'-Biphenyl	13.201	154	266753	9.159	ng		98
47) 2-Chloronaphthalene	13.237	162	204494	8.917	ng		100
48) 2-Nitroaniline	13.454	65	60337	7.893	ng		92
49) Acenaphthylene	14.095	152	333749	8.784	ng		99
50) Dimethylphthalate	13.831	163	266714	8.804	ng		99
51) 2,6-Dinitrotoluene	13.943	165	52880	8.239	ng		97
52) Acenaphthene	14.443	154	196621	8.973	ng		99
53) 3-Nitroaniline	14.290	138	51242	7.592	ng		93
54) 2,4-Dinitrophenol	14.525	184	18398	8.967	ng		89
55) Dibenzofuran	14.784	168	321333	8.998	ng		97
56) 4-Nitrophenol	14.666	139	20707	7.845	ng		93
57) 2,4-Dinitrotoluene	14.754	165	73088	8.002	ng		95
58) Fluorene	15.442	166	259659	9.143	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.025	232	66046	8.334	ng		99
60) Diethylphthalate	15.213	149	264002	8.591	ng		100
61) 4-Chlorophenyl-phenyle...	15.437	204	130312	9.105	ng		97
62) 4-Nitroaniline	15.484	138	50341	7.281	ng		97
63) Azobenzene	15.731	77	252148	8.486	ng		98
65) 4,6-Dinitro-2-methylph...	15.542	198	35204	6.272	ng		95
66) n-Nitrosodiphenylamine	15.654	169	223816	8.666	ng		98
67) 4-Bromophenyl-phenylether	16.348	248	79088	8.530	ng		98
68) Hexachlorobenzene	16.466	284	88626	8.571	ng		98
69) Atrazine	16.637	200	82210	8.327	ng		94
70) Pentachlorophenol	16.837	266	46451	6.807	ng		97
71) Phenanthrene	17.225	178	429671	8.975	ng		100
72) Anthracene	17.319	178	413062	8.503	ng		99
73) Carbazole	17.607	167	379450	8.402	ng		99
74) Di-n-butylphthalate	18.184	149	458325	8.270	ng		99
75) Fluoranthene	19.313	202	513161	8.937	ng		99
77) Benzidine	19.513	184	210426	7.829	ng		99
78) Pyrene	19.689	202	534363	8.583	ng		99
80) Butylbenzylphthalate	20.636	149	213446	7.819	ng		95
81) Benzo(a)anthracene	21.607	228	563296	8.818	ng		99
82) 3,3'-Dichlorobenzidine	21.530	252	169960	7.695	ng		96
83) Chrysene	21.677	228	558037	9.165	ng		99
84) Bis(2-ethylhexyl)phtha...	21.536	149	323796	8.108	ng		98
85) Di-n-octyl phthalate	22.813	149	528156	7.435	ng		99
87) Indeno(1,2,3-cd)pyrene	28.806	276	581984	8.121	ng	#	91
88) Benzo(b)fluoranthene	23.913	252	530126	8.797	ng		99
89) Benzo(k)fluoranthene	23.995	252	548192	8.915	ng		99
90) Benzo(a)pyrene	24.824	252	502814	8.520	ng		99
91) Dibenzo(a,h)anthracene	28.895	278	476336	8.122	ng		99
92) Benzo(g,h,i)perylene	29.971	276	482594	8.368	ng		98

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

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