Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025107.D
Acq On : 11 Jul 2025 17:06
Operator : CG/JU
Sample : Q2126-07
Misc : LOD-MDL-WATER-4 PPM
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 18 06:58:28 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	404896	20.000	ng		0.00
21) Naphthalene-d8	10.178	136	1688116	20.000	ng		0.00
39) Acenaphthene-d10	14.084	164	1155907	20.000	ng		0.00
64) Phenanthrene-d10	16.907	188	2453565	20.000	ng		0.00
76) Chrysene-d12	21.336	240	2697213	20.000	ng		0.00
86) Perylene-d12	24.454	264	2891702	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	2742326	120.006	ng		0.00
7) Phenol-d6	6.625	99	3512345	117.781	ng		0.00
23) Nitrobenzene-d5	8.566	82	2291642	90.281	ng		0.00
42) 2,4,6-Tribromophenol	15.601	330	1987359	145.539	ng		-0.02
45) 2-Fluorobiphenyl	12.684	172	6446696	86.400	ng		-0.01
79) Terphenyl-d14	19.666	244	11381282	92.739	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.126	88	35051	3.945	ng		98
3) Pyridine	3.496	79	87742	3.607	ng		93
4) n-Nitrosodimethylamine	3.408	42	34110	3.311	ng	#	94
6) Aniline	6.778	93	142647	5.120	ng		98
8) 2-Chlorophenol	7.008	128	101312	3.962	ng		96
9) Benzaldehyde	6.596	77	83491m	5.361	ng		
10) Phenol	6.655	94	114326	3.773	ng		99
11) bis(2-Chloroethyl)ether	6.878	93	90746	3.891	ng		98
12) 1,3-Dichlorobenzene	7.331	146	115179	4.025	ng		97
13) 1,4-Dichlorobenzene	7.472	146	115999	4.004	ng		98
14) 1,2-Dichlorobenzene	7.772	146	112966	4.053	ng		100
15) Benzyl Alcohol	7.666	79	77880	3.913	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.961	45	117692	3.881	ng		98
17) 2-Methylphenol	7.872	107	74550	3.819	ng		99
18) Hexachloroethane	8.490	117	39090	4.142	ng		95
19) n-Nitroso-di-n-propyla...	8.231	70	70399	3.981	ng		98
20) 3+4-Methylphenols	8.190	107	100435	3.674	ng		99
22) Acetophenone	8.237	105	152211	3.813	ng		99
24) Nitrobenzene	8.608	77	106224	4.108	ng		99
25) Isophorone	9.131	82	194919	4.109	ng		99
26) 2-Nitrophenol	9.308	139	41598	6.389	ng		97
27) 2,4-Dimethylphenol	9.384	122	90365	5.107	ng		98
28) bis(2-Chloroethoxy)met...	9.619	93	125535	3.897	ng		100
29) 2,4-Dichlorophenol	9.831	162	85336	3.478	ng		99
30) 1,2,4-Trichlorobenzene	10.055	180	105862	3.896	ng		99
31) Naphthalene	10.225	128	328833	3.783	ng		98
32) Benzoic acid	9.425	122	37839	8.067	ng		97
33) 4-Chloroaniline	10.343	127	135288	4.171	ng		99
34) Hexachlorobutadiene	10.531	225	63628	4.081	ng		97
35) Caprolactam	11.084	113	29955	3.569	ng		89
36) 4-Chloro-3-methylphenol	11.472	107	88914	3.468	ng		98
37) 2-Methylnaphthalene	11.860	142	209289	3.412	ng		99
38) 1-Methylnaphthalene	12.072	142	222361	3.717	ng		98
40) 1,2,4,5-Tetrachloroben...	12.243	216	122850	3.698	ng		99
41) Hexachlorocyclopentadiene	12.231	237	53109	6.120	ng		100
43) 2,4,6-Trichlorophenol	12.484	196	70989	3.529	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.549	196	78398	3.439	ng		98
46) 1,1'-Biphenyl	12.901	154	323781	3.850	ng		99
47) 2-Chloronaphthalene	12.937	162	243971	3.860	ng		100
48) 2-Nitroaniline	13.131	65	48846	5.737	ng		97
49) Acenaphthylene	13.790	152	384679	3.976	ng		99
50) Dimethylphthalate	13.543	163	321740	3.976	ng		99
51) 2,6-Dinitrotoluene	13.648	165	56323	3.569	ng		97
52) Acenaphthene	14.148	154	234016	3.753	ng		99
53) 3-Nitroaniline	13.978	138	60241	3.562	ng	#	87
54) 2,4-Dinitrophenol	14.190	184	19258	7.714	ng		95
55) Dibenzofuran	14.490	168	392191	3.811	ng		100
56) 4-Nitrophenol	14.301	139	49770	3.189	ng		98
57) 2,4-Dinitrotoluene	14.460	165	69692	5.481	ng	#	93
58) Fluorene	15.160	166	308900	3.881	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.725	232	73241	3.548	ng		99
60) Diethylphthalate	14.948	149	318316	3.917	ng		99
61) 4-Chlorophenyl-phenyle...	15.166	204	157726	4.004	ng		97
62) 4-Nitroaniline	15.160	138	62089	3.501	ng		99
63) Azobenzene	15.466	77	255000	3.524	ng		99
65) 4,6-Dinitro-2-methylph...	15.231	198	30704	8.009	ng		98
66) n-Nitrosodiphenylamine	15.384	169	263037	3.746	ng		99
67) 4-Bromophenyl-phenylether	16.084	248	100326	3.994	ng		96
68) Hexachlorobenzene	16.195	284	122454	3.988	ng		99
69) Atrazine	16.366	200	95609	4.647	ng		99
70) Pentachlorophenol	16.548	266	61045	2.944	ng		99
71) Phenanthrene	16.942	178	521246	3.976	ng		99
72) Anthracene	17.031	178	495774	3.942	ng		100
73) Carbazole	17.313	167	466500	3.793	ng		99
74) Di-n-butylphthalate	17.948	149	518503	3.786	ng		100
75) Fluoranthene	19.048	202	576589	3.762	ng		99
77) Benzidine	19.254	184	237573	4.987	ng		99
78) Pyrene	19.425	202	612238	3.665	ng		98
80) Butylbenzylphthalate	20.413	149	214977	6.766	ng		97
81) Benzo(a)anthracene	21.319	228	643269	3.935	ng		98
82) 3,3'-Dichlorobenzidine	21.254	252	194133	3.945	ng		98
83) Chrysene	21.377	228	610850	3.883	ng		100
84) Bis(2-ethylhexyl)phtha...	21.313	149	348894	3.979	ng		100
85) Di-n-octyl phthalate	22.530	149	502609	8.828	ng		100
87) Indeno(1,2,3-cd)pyrene	27.983	276	688368	3.737	ng		98
88) Benzo(b)fluoranthene	23.477	252	610170	3.625	ng		99
89) Benzo(k)fluoranthene	23.542	252	590863	3.528	ng		99
90) Benzo(a)pyrene	24.307	252	552395	3.856	ng		99
91) Dibenzo(a,h)anthracene	28.065	278	564140	3.705	ng		97
92) Benzo(g,h,i)perylene	29.048	276	573918	3.648	ng		98

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

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