Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090425\
Data File : BF143645.D
Acq On : 04 Sep 2025 15:42
Operator : RC/JU
Sample : Q2893-07
Misc : LOD-MDL-WATER 4PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

Quant Time: Sep 04 16:51:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 03 18:35:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	75925	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	294335	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	169402	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	289465	20.000	ng		0.00
76) Chrysene-d12	14.045	240	212682	20.000	ng		0.00
86) Perylene-d12	15.521	264	169265	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	525630	122.645	ng		0.00
7) Phenol-d6	6.510	99	658933	123.877	ng		0.00
23) Nitrobenzene-d5	7.451	82	421540	100.659	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	208284	147.033	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	907122	85.552	ng		0.00
79) Terphenyl-d14	12.998	244	1067377	83.622	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	7616	3.766	ng		98
3) Pyridine	3.493	79	17984	3.357	ng		92
4) n-Nitrosodimethylamine	3.375	42	7740	3.479	ng	#	88
6) Aniline	6.551	93	29348	3.964	ng		99
8) 2-Chlorophenol	6.675	128	18621	4.195	ng		87
9) Benzaldehyde	6.440	77	15218	3.851	ng		97
10) Phenol	6.522	94	22666	3.887	ng	#	57
11) bis(2-Chloroethyl)ether	6.622	93	17607	3.855	ng		99
12) 1,3-Dichlorobenzene	6.828	146	22373	4.084	ng		98
13) 1,4-Dichlorobenzene	6.910	146	22651	4.123	ng		96
14) 1,2-Dichlorobenzene	7.057	146	22160	4.262	ng		98
15) Benzyl Alcohol	7.022	79	15870	3.926	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	26580	3.698	ng		97
17) 2-Methylphenol	7.128	107	15058	3.880	ng		97
18) Hexachloroethane	7.404	117	6817	3.977	ng		96
19) n-Nitroso-di-n-propyla...	7.292	70	13079	3.861	ng		97
20) 3+4-Methylphenols	7.281	107	19611	4.015	ng	#	88
22) Acetophenone	7.292	105	27110	4.073	ng	#	95
24) Nitrobenzene	7.469	77	20261	4.525	ng		96
25) Isophorone	7.698	82	34868	3.695	ng		98
26) 2-Nitrophenol	7.781	139	6822	7.125	ng		96
27) 2,4-Dimethylphenol	7.810	122	17674	4.302	ng		100
28) bis(2-Chloroethoxy)met...	7.916	93	22139	3.837	ng		97
29) 2,4-Dichlorophenol	8.016	162	16151	4.006	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	18236	4.150	ng		100
31) Naphthalene	8.192	128	57368	3.985	ng		98
32) Benzoic acid	7.845	122	4281	8.969	ng		93
33) 4-Chloroaniline	8.234	127	21675	4.348	ng		98
34) Hexachlorobutadiene	8.310	225	11547	4.040	ng		98
35) Caprolactam	8.557	113	3834	3.549	ng		92
36) 4-Chloro-3-methylphenol	8.704	107	16126	3.820	ng		96
37) 2-Methylnaphthalene	8.881	142	34480	3.541	ng		98
38) 1-Methylnaphthalene	8.981	142	37360	4.013	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	18823	4.020	ng		99
41) Hexachlorocyclopentadiene	9.033	237	9952	4.377	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	11349	3.935	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	12052	4.047	ng		99
46) 1,1'-Biphenyl	9.345	154	50550	4.196	ng		98
47) 2-Chloronaphthalene	9.369	162	37398	3.966	ng		99
48) 2-Nitroaniline	9.457	65	8880	6.418	ng		96
49) Acenaphthylene	9.786	152	60884	4.481	ng		98
50) Dimethylphthalate	9.639	163	44557	4.154	ng		99
51) 2,6-Dinitrotoluene	9.698	165	7715	7.432	ng		96
52) Acenaphthene	9.957	154	36103	3.972	ng		97
53) 3-Nitroaniline	9.863	138	8181	6.565	ng		94
54) 2,4-Dinitrophenol	9.969	184	1507	8.609	ng	#	1
55) Dibenzofuran	10.128	168	54786	4.149	ng		99
56) 4-Nitrophenol	10.010	139	5605	3.524	ng		97
57) 2,4-Dinitrotoluene	10.098	165	9204	7.072	ng		99
58) Fluorene	10.469	166	43171	4.227	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.239	232	10116	4.473	ng	#	97
60) Diethylphthalate	10.339	149	40881	4.014	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	21797	4.277	ng		97
62) 4-Nitroaniline	10.469	138	7420	6.124	ng		96
63) Azobenzene	10.627	77	39027	4.066	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	2610	10.284	ng		88
66) n-Nitrosodiphenylamine	10.580	169	36945	3.954	ng		97
67) 4-Bromophenyl-phenylether	10.957	248	13378	3.985	ng		94
68) Hexachlorobenzene	11.016	284	13242	3.755	ng		95
69) Atrazine	11.098	200	10536	3.772	ng		95
70) Pentachlorophenol	11.210	266	6306	3.183	ng		98
71) Phenanthrene	11.433	178	64154	4.099	ng		99
72) Anthracene	11.486	178	64949	4.137	ng		100
73) Carbazole	11.633	167	55545	4.198	ng		99
74) Di-n-butylphthalate	11.974	149	59026	3.973	ng		100
75) Fluoranthene	12.621	202	62273	4.332	ng		99
77) Benzidine	12.739	184	24073	4.947	ng	#	94
78) Pyrene	12.851	202	63477	3.617	ng		99
80) Butylbenzylphthalate	13.468	149	15897	5.947	ng		98
81) Benzo(a)anthracene	14.033	228	55939	4.061	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	12902	3.436	ng		98
83) Chrysene	14.068	228	46638	3.766	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	20714	5.377	ng		98
85) Di-n-octyl phthalate	14.645	149	28106	2.227	ng		98
87) Indeno(1,2,3-cd)pyrene	17.004	276	39975	3.388	ng		98
88) Benzo(b)fluoranthene	15.086	252	36347	3.564	ng		98
89) Benzo(k)fluoranthene	15.115	252	38148	4.325	ng		99
90) Benzo(a)pyrene	15.457	252	32761	3.737	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	32817	3.381	ng		98
92) Benzo(g,h,i)perylene	17.451	276	32306	3.455	ng		98

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

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