Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
Data File : BF144480.D
Acq On : 15 Dec 2025 18:05
Operator : RC/JU
Sample : Q3530-08
Misc : LOQ-WATER-5NG
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2025

Quant Time: Dec 16 00:31:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 16 00:30:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	207843	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	803795	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	426405	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	714321	20.000	ng		0.00
76) Chrysene-d12	13.939	240	567027	20.000	ng		0.00
86) Perylene-d12	15.374	264	417653	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	1508153	109.410	ng		0.00
7) Phenol-d6	6.416	99	1874858	109.044	ng		0.00
23) Nitrobenzene-d5	7.357	82	1175645	91.528	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	481343	124.858	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	2101533	75.607	ng		0.00
79) Terphenyl-d14	12.898	244	2362741	65.786	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.493	88	28904	4.361	ng		94
3) Pyridine	3.275	79	69904	3.835	ng		100
6) Aniline	6.457	93	102180	4.260	ng		99
8) 2-Chlorophenol	6.575	128	67003	4.534	ng		85
10) Phenol	6.428	94	88215	4.347	ng	#	63
11) bis(2-Chloroethyl)ether	6.528	93	63881	4.307	ng		98
12) 1,3-Dichlorobenzene	6.734	146	72347	4.531	ng		99
13) 1,4-Dichlorobenzene	6.810	146	72890	4.550	ng		100
14) 1,2-Dichlorobenzene	6.963	146	70108	4.608	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	99810	3.987	ng		99
17) 2-Methylphenol	7.034	107	51294	4.117	ng		97
18) Hexachloroethane	7.310	117	23736	4.264	ng		96
22) Acetophenone	7.198	105	93117	4.670	ng		95
24) Nitrobenzene	7.369	77	69814	5.010	ng		99
25) Isophorone	7.604	82	119074	4.108	ng		100
26) 2-Nitrophenol	7.687	139	23018	4.561	ng		98
27) 2,4-Dimethylphenol	7.722	122	50201	3.629	ng		97
28) bis(2-Chloroethoxy)met...	7.822	93	75171	4.208	ng		99
29) 2,4-Dichlorophenol	7.922	162	50268	4.374	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	59208	4.750	ng		99
31) Naphthalene	8.092	128	198901	4.598	ng		98
33) 4-Chloroaniline	8.139	127	76343	4.390	ng		98
34) Hexachlorobutadiene	8.216	225	32920	4.271	ng		98
36) 4-Chloro-3-methylphenol	8.610	107	50266	4.029	ng		98
37) 2-Methylnaphthalene	8.786	142	112390	3.949	ng		100
38) 1-Methylnaphthalene	8.886	142	119293	4.304	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	56518	4.657	ng		98
43) 2,4,6-Trichlorophenol	9.057	196	32109	4.167	ng		98
44) 2,4,5-Trichlorophenol	9.092	196	34576	4.275	ng		98
46) 1,1'-Biphenyl	9.251	154	158579	4.759	ng		98
47) 2-Chloronaphthalene	9.275	162	116327	4.573	ng		97
48) 2-Nitroaniline	9.363	65	25593	4.157	ng		97
49) Acenaphthylene	9.686	152	176842	4.388	ng		99
50) Dimethylphthalate	9.545	163	123534	4.289	ng		99
51) 2,6-Dinitrotoluene	9.604	165	22243	5.072	ng		98
52) Acenaphthene	9.857	154	113265	4.507	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 3-Nitroaniline	9.769	138	26059	4.626	ng	96
55) Dibenzofuran	10.028	168	163067	4.561	ng	98
57) 2,4-Dinitrotoluene	10.004	165	25782	4.299	ng	97
58) Fluorene	10.369	166	128826	4.758	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	28737	4.680	ng	98
60) Diethylphthalate	10.245	149	113510	4.158	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	60762	4.574	ng	96
62) 4-Nitroaniline	10.375	138	24161	4.242	ng	100
63) Azobenzene	10.528	77	119008	4.125	ng	99
66) n-Nitrosodiphenylamine	10.480	169	107276	4.382	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	35405	4.246	ng	98
68) Hexachlorobenzene	10.916	284	38456	4.177	ng	99
69) Atrazine	11.004	200	31506	4.109	ng	100
71) Phenanthrene	11.327	178	189339	4.598	ng	98
72) Anthracene	11.380	178	182901	4.388	ng	98
73) Carbazole	11.533	167	167292	4.623	ng	98
74) Di-n-butylphthalate	11.874	149	154496	3.994	ng	99
75) Fluoranthene	12.516	202	184837	4.545	ng	97
78) Pyrene	12.745	202	194152	3.737	ng	99
80) Butylbenzylphthalate	13.368	149	52189	3.526	ng	99
81) Benzo(a)anthracene	13.927	228	162458	4.068	ng	97
83) Chrysene	13.963	228	157600	4.313	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	62712	3.575	ng	97
87) Indeno(1,2,3-cd)pyrene	16.780	276	105418	3.516	ng	99
88) Benzo(b)fluoranthene	14.957	252	112576	4.106	ng	99
89) Benzo(k)fluoranthene	14.986	252	124667	4.809	ng	98
90) Benzo(a)pyrene	15.310	252	98628	4.115	ng	99
91) Dibenzo(a,h)anthracene	16.798	278	85327	3.524	ng	98
92) Benzo(g,h,i)perylene	17.204	276	87295	3.546	ng	99

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

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