Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143108.D
Acq On : 16 Jul 2025 12:07
Operator : RC/JU
Sample : Q2126-08
Misc : LOQ-WATER-5 PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2025

Quant Time: Jul 16 12:28:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	141335	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	536916	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	272300	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	444663	20.000	ng		0.00
76) Chrysene-d12	14.127	240	235543	20.000	ng		0.00
86) Perylene-d12	15.633	264	227368	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.592	112	939996	105.079	ng		0.00
7) Phenol-d6	6.587	99	1206482	107.294	ng		0.00
23) Nitrobenzene-d5	7.522	82	755341	78.920	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	297839	122.670	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1388592	67.787	ng		0.00
79) Terphenyl-d14	13.074	244	1208673	75.012	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	18349	4.121	ng		100
3) Pyridine	3.622	79	44147	3.915	ng		99
6) Aniline	6.628	93	68173	4.305	ng		98
8) 2-Chlorophenol	6.751	128	40446	4.500	ng	#	76
10) Phenol	6.598	94	56956	4.679	ng	#	68
11) bis(2-Chloroethyl)ether	6.698	93	41636	4.418	ng		98
12) 1,3-Dichlorobenzene	6.910	146	45360	4.467	ng		99
13) 1,4-Dichlorobenzene	6.987	146	45568	4.461	ng		99
14) 1,2-Dichlorobenzene	7.139	146	42740	4.387	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.239	45	76054	4.378	ng		100
17) 2-Methylphenol	7.198	107	32558	4.198	ng		95
18) Hexachloroethane	7.486	117	14626	4.398	ng		99
19) n-Nitroso-di-n-propyla...	7.363	70	30839	4.477	ng		95
22) Acetophenone	7.363	105	60332	4.661	ng		95
24) Nitrobenzene	7.539	77	45597	4.935	ng		99
25) Isophorone	7.775	82	79829	4.315	ng		99
26) 2-Nitrophenol	7.857	139	11850	6.877	ng		95
27) 2,4-Dimethylphenol	7.886	122	38952	4.537	ng		98
28) bis(2-Chloroethoxy)met...	7.986	93	50369	4.490	ng		97
29) 2,4-Dichlorophenol	8.092	162	30459	4.336	ng		98
30) 1,2,4-Trichlorobenzene	8.186	180	35933	4.507	ng		99
31) Naphthalene	8.269	128	123701	4.640	ng		99
33) 4-Chloroaniline	8.310	127	46601	4.346	ng		98
34) Hexachlorobutadiene	8.392	225	21218	4.450	ng		98
36) 4-Chloro-3-methylphenol	8.775	107	33020	4.220	ng		98
37) 2-Methylnaphthalene	8.957	142	72600	4.564	ng		98
38) 1-Methylnaphthalene	9.057	142	77200	4.680	ng		99
40) 1,2,4,5-Tetrachloroben...	9.128	216	36664	4.620	ng		98
43) 2,4,6-Trichlorophenol	9.228	196	19829	4.022	ng		97
44) 2,4,5-Trichlorophenol	9.263	196	21550	4.168	ng		97
46) 1,1'-Biphenyl	9.422	154	99699	4.591	ng		99
47) 2-Chloronaphthalene	9.445	162	71802	4.501	ng		99
48) 2-Nitroaniline	9.528	65	14751	6.068	ng		95
49) Acenaphthylene	9.863	152	118162	4.445	ng		99
50) Dimethylphthalate	9.710	163	77182	4.505	ng		99
51) 2,6-Dinitrotoluene	9.769	165	11837	6.089	ng		96

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52) Acenaphthene	10.033	154	70980	4.525	ng		99
53) 3-Nitroaniline	9.933	138	14209	3.839	ng	#	93
55) Dibenzofuran	10.204	168	108220	4.628	ng		97
57) 2,4-Dinitrotoluene	10.169	165	12579	6.164	ng		96
58) Fluorene	10.551	166	82319	4.696	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	17445	4.246	ng		98
60) Diethylphthalate	10.416	149	71822	4.346	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	38270	4.555	ng		96
62) 4-Nitroaniline	10.545	138	12756	3.963	ng		96
63) Azobenzene	10.704	77	79730	4.362	ng		99
66) n-Nitrosodiphenylamine	10.657	169	68367	4.377	ng		99
67) 4-Bromophenyl-phenylether	11.033	248	21389	4.230	ng		96
68) Hexachlorobenzene	11.104	284	23075	4.301	ng		98
69) Atrazine	11.174	200	15480	3.874	ng		100
71) Phenanthrene	11.510	178	109851	4.578	ng		100
72) Anthracene	11.563	178	106216	4.401	ng		99
73) Carbazole	11.710	167	95358	4.411	ng		99
74) Di-n-butylphthalate	12.051	149	73329	3.695	ng		99
75) Fluoranthene	12.704	202	92470	4.238	ng		99
78) Pyrene	12.933	202	97548	4.464	ng		99
80) Butylbenzylphthalate	13.545	149	11270	5.796	ng		92
81) Benzo(a)anthracene	14.115	228	63108	4.021	ng		98
83) Chrysene	14.151	228	63069	4.363	ng		99
84) Bis(2-ethylhexyl)phtha...	14.110	149	17064	5.805	ng		99
87) Indeno(1,2,3-cd)pyrene	17.168	276	68340	4.041	ng		99
88) Benzo(b)fluoranthene	15.186	252	51884	3.956	ng		100
89) Benzo(k)fluoranthene	15.215	252	47857	3.825	ng		98
90) Benzo(a)pyrene	15.568	252	45828	3.695	ng		98
91) Dibenzo(a,h)anthracene	17.186	278	56845	4.112	ng		97
92) Benzo(g,h,i)perylene	17.627	276	57030	4.046	ng		96

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

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