Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
Data File : BF144476.D
Acq On : 15 Dec 2025 16:08
Operator : RC/JU
Sample : Q3530-07
Misc : LOD-WATER-4NG
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

Quant Time: Dec 15 16:28:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 12 15:57:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	203922	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	808152	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	423775	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	705238	20.000	ng		0.00
76) Chrysene-d12	13.939	240	578980	20.000	ng		0.00
86) Perylene-d12	15.374	264	434025	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	1478131	109.294	ng		0.00
7) Phenol-d6	6.416	99	1868773	110.780	ng		0.00
23) Nitrobenzene-d5	7.357	82	1181808	91.511	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	491212	128.209	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	2165522	78.392	ng		0.00
79) Terphenyl-d14	12.898	244	2426952	66.179	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.499	88	25247	3.882	ng		95
3) Pyridine	3.281	79	61119	3.418	ng		98
4) n-Nitrosodimethylamine	3.157	42	26467	3.406	ng	#	95
6) Aniline	6.457	93	90185	3.832	ng		98
8) 2-Chlorophenol	6.575	128	57497	3.965	ng		84
9) Benzaldehyde	6.340	77	47281	3.580	ng		98
10) Phenol	6.428	94	76779	3.856	ng	#	60
11) bis(2-Chloroethyl)ether	6.528	93	54728	3.761	ng		99
12) 1,3-Dichlorobenzene	6.734	146	64316	4.105	ng		98
13) 1,4-Dichlorobenzene	6.810	146	64245	4.087	ng		99
14) 1,2-Dichlorobenzene	6.963	146	61365	4.111	ng		97
15) Benzyl Alcohol	6.928	79	44093	3.546	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	86918	3.539	ng		99
17) 2-Methylphenol	7.034	107	44436	3.636	ng		98
18) Hexachloroethane	7.310	117	20879	3.823	ng		96
19) n-Nitroso-di-n-propyla...	7.198	70	38991	3.659	ng		98
20) 3+4-Methylphenols	7.187	107	59062	3.933	ng	#	90
22) Acetophenone	7.198	105	80896	4.036	ng		94
24) Nitrobenzene	7.369	77	62365	4.452	ng		99
25) Isophorone	7.604	82	103416	3.548	ng		98
26) 2-Nitrophenol	7.686	139	19483	6.933	ng		97
27) 2,4-Dimethylphenol	7.722	122	56358	4.053	ng		94
28) bis(2-Chloroethoxy)met...	7.822	93	66089	3.680	ng		99
29) 2,4-Dichlorophenol	7.922	162	43170	3.736	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	52241	4.168	ng		99
31) Naphthalene	8.092	128	171873	3.952	ng		99
32) Benzoic acid	7.757	122	12737	7.855	ng		99
33) 4-Chloroaniline	8.139	127	67397	3.855	ng		98
34) Hexachlorobutadiene	8.216	225	29290	3.780	ng		99
35) Caprolactam	8.463	113	11646	3.052	ng		94
36) 4-Chloro-3-methylphenol	8.610	107	43515	3.469	ng		100
37) 2-Methylnaphthalene	8.786	142	100145	3.500	ng		100
38) 1-Methylnaphthalene	8.886	142	105561	3.788	ng		100
40) 1,2,4,5-Tetrachloroben...	8.951	216	50435	4.182	ng		98
41) Hexachlorocyclopentadiene	8.939	237	23999	3.362	ng		99
43) 2,4,6-Trichlorophenol	9.057	196	28442	3.714	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.092	196	28861	3.590	ng		97
46)	1,1'-Biphenyl	9.251	154	139128	4.201	ng		99
47)	2-Chloronaphthalene	9.275	162	103678	4.101	ng		95
48)	2-Nitroaniline	9.363	65	21558	6.381	ng		97
49)	Acenaphthylene	9.686	152	159629	3.985	ng		98
50)	Dimethylphthalate	9.545	163	109573	3.828	ng		99
51)	2,6-Dinitrotoluene	9.604	165	18138	7.085	ng		96
52)	Acenaphthene	9.857	154	100213	4.013	ng		99
53)	3-Nitroaniline	9.769	138	22313	6.265	ng	#	95
54)	2,4-Dinitrophenol	9.875	184	3802	8.504	ng	#	22
55)	Dibenzofuran	10.028	168	147715	4.157	ng		97
56)	4-Nitrophenol	9.916	139	15402	3.160	ng		97
57)	2,4-Dinitrotoluene	10.004	165	21325	6.623	ng		95
58)	Fluorene	10.369	166	114458	4.254	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.145	232	25619	4.198	ng		97
60)	Diethylphthalate	10.245	149	100199	3.693	ng		99
61)	4-Chlorophenyl-phenyle...	10.369	204	54463	4.125	ng		98
62)	4-Nitroaniline	10.375	138	20151	5.531	ng		95
63)	Azobenzene	10.528	77	105475	3.679	ng		100
65)	4,6-Dinitro-2-methylph...	10.404	198	6256	8.600	ng		81
66)	n-Nitrosodiphenylamine	10.480	169	95385	3.947	ng		99
67)	4-Bromophenyl-phenylether	10.857	248	30857	3.748	ng		98
68)	Hexachlorobenzene	10.916	284	35167	3.869	ng		98
69)	Atrazine	11.004	200	26953	3.560	ng		99
70)	Pentachlorophenol	11.104	266	15474	2.985	ng		98
71)	Phenanthrene	11.333	178	170210	4.186	ng		98
72)	Anthracene	11.380	178	163786	3.980	ng		99
73)	Carbazole	11.533	167	147126	4.118	ng		98
74)	Di-n-butylphthalate	11.874	149	128587	3.367	ng		99
75)	Fluoranthene	12.516	202	161209	4.015	ng		99
77)	Benzidine	12.639	184	63461	3.078	ng		97
78)	Pyrene	12.745	202	174274	3.285	ng		98
80)	Butylbenzylphthalate	13.368	149	36040	5.172	ng		100
81)	Benzo(a)anthracene	13.927	228	141722	3.476	ng		99
82)	3,3'-Dichlorobenzidine	13.898	252	32297	2.795	ng		100
83)	Chrysene	13.963	228	141494	3.792	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.933	149	46615	5.050	ng		98
85)	Di-n-octyl phthalate	14.545	149	43243	7.691	ng		96
87)	Indeno(1,2,3-cd)pyrene	16.780	276	83894	2.693	ng		99
88)	Benzo(b)fluoranthene	14.957	252	97531	3.423	ng		99
89)	Benzo(k)fluoranthene	14.986	252	109413	4.061	ng		97
90)	Benzo(a)pyrene	15.310	252	83053	3.335	ng		99
91)	Dibenzo(a,h)anthracene	16.798	278	70535	2.804	ng		98
92)	Benzo(g,h,i)perylene	17.204	276	72482	2.833	ng		97

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

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