Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
Data File : BF144479.D
Acq On : 15 Dec 2025 17:36
Operator : RC/JU
Sample : Q3530-07
Misc : LOD-WATER-8NG
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Dec 15 17:56:15 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	218009	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	771705	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	408391	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	680311	20.000	ng		0.00
76) Chrysene-d12	13.939	240	537767	20.000	ng		0.00
86) Perylene-d12	15.374	264	399483	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	1850314	127.973	ng		0.00
7) Phenol-d6	6.416	99	2059865	114.218	ng		0.00
23) Nitrobenzene-d5	7.357	82	1238999	100.471	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	515143	139.520	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	2176226	81.748	ng		0.00
79) Terphenyl-d14	12.898	244	2523373	74.082	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.493	88	64108	9.221	ng		98
3) Pyridine	3.269	79	134933	7.058	ng		98
4) n-Nitrosodimethylamine	3.152	42	63009	7.584	ng		98
6) Aniline	6.457	93	184498	7.334	ng		99
8) 2-Chlorophenol	6.575	128	125529	8.098	ng		89
9) Benzaldehyde	6.340	77	91466	6.479	ng		99
10) Phenol	6.428	94	161315	7.579	ng	#	71
11) bis(2-Chloroethyl)ether	6.528	93	111021	7.136	ng		97
12) 1,3-Dichlorobenzene	6.734	146	144330	8.618	ng		97
13) 1,4-Dichlorobenzene	6.810	146	144059	8.573	ng		99
14) 1,2-Dichlorobenzene	6.963	146	133458	8.363	ng		98
15) Benzyl Alcohol	6.928	79	94887	7.138	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	174649	6.652	ng		99
17) 2-Methylphenol	7.034	107	93045	7.121	ng		98
18) Hexachloroethane	7.310	117	47876	8.200	ng		98
19) n-Nitroso-di-n-propyla...	7.198	70	80560	7.072	ng		99
20) 3+4-Methylphenols	7.187	107	120728	7.519	ng	#	87
22) Acetophenone	7.198	105	161538	8.439	ng		95
24) Nitrobenzene	7.369	77	122223	9.136	ng		100
25) Isophorone	7.610	82	208163	7.479	ng		99
26) 2-Nitrophenol	7.687	139	43402	11.078	ng		97
27) 2,4-Dimethylphenol	7.722	122	84196	6.340	ng		97
28) bis(2-Chloroethoxy)met...	7.822	93	132591	7.732	ng		98
29) 2,4-Dichlorophenol	7.922	162	90717	8.222	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	105539	8.819	ng		98
31) Naphthalene	8.092	128	346523	8.343	ng		99
32) Benzoic acid	7.769	122	35612	10.521	ng		98
33) 4-Chloroaniline	8.139	127	133394	7.990	ng		99
34) Hexachlorobutadiene	8.216	225	60062	8.117	ng		99
35) Caprolactam	8.469	113	25982	7.131	ng		98
36) 4-Chloro-3-methylphenol	8.610	107	92563	7.728	ng		99
37) 2-Methylnaphthalene	8.786	142	198530	7.265	ng		99
38) 1-Methylnaphthalene	8.886	142	209626	7.878	ng		100
40) 1,2,4,5-Tetrachloroben...	8.951	216	99616	8.571	ng		99
41) Hexachlorocyclopentadiene	8.939	237	36782	5.347	ng		99
43) 2,4,6-Trichlorophenol	9.057	196	60219	8.159	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.092	196	64985	8.389	ng		97
46)	1,1'-Biphenyl	9.251	154	274855	8.612	ng		98
47)	2-Chloronaphthalene	9.275	162	202357	8.306	ng		97
48)	2-Nitroaniline	9.363	65	49802	10.220	ng		100
49)	Acenaphthylene	9.686	152	317057	8.214	ng		98
50)	Dimethylphthalate	9.545	163	226173	8.199	ng		99
51)	2,6-Dinitrotoluene	9.604	165	43892	11.884	ng		99
52)	Acenaphthene	9.857	154	200425	8.327	ng		99
53)	3-Nitroaniline	9.769	138	49432	10.499	ng		94
54)	2,4-Dinitrophenol	9.875	184	11221	12.057	ng	#	50
55)	Dibenzofuran	10.028	168	288752	8.432	ng		97
56)	4-Nitrophenol	9.916	139	36372	7.742	ng		99
57)	2,4-Dinitrotoluene	10.004	165	52554	10.882	ng		94
58)	Fluorene	10.369	166	225854	8.710	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.145	232	53347	9.072	ng		99
60)	Diethylphthalate	10.245	149	209322	8.006	ng		99
61)	4-Chlorophenyl-phenyle...	10.369	204	106792	8.394	ng		98
62)	4-Nitroaniline	10.375	138	48075	9.983	ng		98
63)	Azobenzene	10.528	77	215339	7.793	ng		99
65)	4,6-Dinitro-2-methylph...	10.410	198	18481	12.266	ng		96
66)	n-Nitrosodiphenylamine	10.480	169	191507	8.214	ng		99
67)	4-Bromophenyl-phenylether	10.857	248	64421	8.111	ng		97
68)	Hexachlorobenzene	10.916	284	71101	8.110	ng		98
69)	Atrazine	11.004	200	59091	8.092	ng		100
70)	Pentachlorophenol	11.104	266	36847	7.368	ng		96
71)	Phenanthrene	11.333	178	332376	8.475	ng		99
72)	Anthracene	11.380	178	323073	8.139	ng		99
73)	Carbazole	11.533	167	299867	8.702	ng		98
74)	Di-n-butylphthalate	11.874	149	302360	8.208	ng		99
75)	Fluoranthene	12.516	202	338585	8.742	ng		99
77)	Benzidine	12.639	184	102577	5.357	ng		97
78)	Pyrene	12.745	202	356366	7.233	ng		99
80)	Butylbenzylphthalate	13.369	149	101987	9.089	ng		99
81)	Benzo(a)anthracene	13.927	228	293121	7.740	ng		98
82)	3,3'-Dichlorobenzidine	13.898	252	80987	7.547	ng		99
83)	Chrysene	13.963	228	287104	8.284	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.933	149	124426	9.068	ng		100
85)	Di-n-octyl phthalate	14.545	149	142523	10.720	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.780	276	210660	7.347	ng		100
88)	Benzo(b)fluoranthene	14.957	252	236843	9.031	ng		99
89)	Benzo(k)fluoranthene	14.986	252	195653	7.890	ng		99
90)	Benzo(a)pyrene	15.310	252	184552	8.051	ng		99
91)	Dibenzo(a,h)anthracene	16.804	278	174071	7.517	ng		98
92)	Benzo(g,h,i)perylene	17.204	276	174754	7.422	ng		99

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

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