Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143113.D
Acq On : 16 Jul 2025 14:35
Operator : RC/JU
Sample : Q2126-07
Misc : LOD-MDL-WATER-8 PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Quant Time: Jul 16 15:07:06 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	143309	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	545492	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	276539	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	443930	20.000	ng		0.00
76) Chrysene-d12	14.127	240	239190	20.000	ng		0.00
86) Perylene-d12	15.633	264	229484	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	1021939	112.665	ng		0.00
7) Phenol-d6	6.587	99	1316779	115.490	ng		0.00
23) Nitrobenzene-d5	7.522	82	819410	84.268	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	330244	133.932	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1492887	71.761	ng		0.00
79) Terphenyl-d14	13.074	244	1302393	79.596	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	33552	7.431	ng		100
3) Pyridine	3.616	79	85354	7.465	ng		98
4) n-Nitrosodimethylamine	3.510	42	42995	7.258	ng	#	96
6) Aniline	6.628	93	124654	7.764	ng		99
8) 2-Chlorophenol	6.751	128	73371	8.051	ng		87
9) Benzaldehyde	6.516	77	67148	7.729	ng		99
10) Phenol	6.598	94	103849	8.414	ng	#	78
11) bis(2-Chloroethyl)ether	6.698	93	74514	7.798	ng		99
12) 1,3-Dichlorobenzene	6.910	146	81767	7.942	ng		98
13) 1,4-Dichlorobenzene	6.987	146	82457	7.961	ng		99
14) 1,2-Dichlorobenzene	7.140	146	78803	7.978	ng		99
15) Benzyl Alcohol	7.093	79	65111	7.707	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.240	45	138179	7.845	ng		99
17) 2-Methylphenol	7.198	107	61254	7.789	ng		99
18) Hexachloroethane	7.487	117	27062	8.026	ng		97
19) n-Nitroso-di-n-propyla...	7.363	70	56550	8.096	ng		97
20) 3+4-Methylphenols	7.351	107	80762	8.374	ng	#	84
22) Acetophenone	7.363	105	109521	8.329	ng		96
24) Nitrobenzene	7.540	77	81823	8.716	ng		99
25) Isophorone	7.775	82	145828	7.759	ng		99
26) 2-Nitrophenol	7.857	139	25346	10.134	ng		97
27) 2,4-Dimethylphenol	7.887	122	69903	8.013	ng		98
28) bis(2-Chloroethoxy)met...	7.987	93	91358	8.016	ng		99
29) 2,4-Dichlorophenol	8.092	162	57319	8.032	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	63913	7.891	ng		96
31) Naphthalene	8.269	128	223465	8.249	ng		99
32) Benzoic acid	7.934	122	19512	10.400	ng		97
33) 4-Chloroaniline	8.304	127	87651	8.046	ng		99
34) Hexachlorobutadiene	8.392	225	38419	7.932	ng		98
35) Caprolactam	8.634	113	15514	6.962	ng		99
36) 4-Chloro-3-methylphenol	8.775	107	62242	7.830	ng		98
37) 2-Methylnaphthalene	8.957	142	133349	8.252	ng		98
38) 1-Methylnaphthalene	9.057	142	136127	8.122	ng		98
40) 1,2,4,5-Tetrachloroben...	9.128	216	66251	8.221	ng		99
41) Hexachlorocyclopentadiene	9.116	237	28656	6.413	ng		98
43) 2,4,6-Trichlorophenol	9.228	196	38378	7.664	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	42391	8.074	ng		99
46) 1,1'-Biphenyl	9.422	154	180297	8.175	ng		100
47) 2-Chloronaphthalene	9.445	162	130830	8.075	ng		99
48) 2-Nitroaniline	9.528	65	32628	9.475	ng		95
49) Acenaphthylene	9.863	152	218972	8.111	ng		99
50) Dimethylphthalate	9.710	163	141063	8.108	ng		99
51) 2,6-Dinitrotoluene	9.769	165	23954	9.358	ng		94
52) Acenaphthene	10.033	154	129054	8.101	ng		99
53) 3-Nitroaniline	9.939	138	29629	7.882	ng		96
54) 2,4-Dinitrophenol	10.039	184	5364	10.330	ng	#	1
55) Dibenzofuran	10.204	168	190946	8.041	ng		99
56) 4-Nitrophenol	10.081	139	20660	6.915	ng		97
57) 2,4-Dinitrotoluene	10.169	165	27996	9.459	ng		98
58) Fluorene	10.551	166	148904	8.364	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	32884	7.881	ng		98
60) Diethylphthalate	10.416	149	132006	7.865	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	70894	8.309	ng		97
62) 4-Nitroaniline	10.545	138	25878	7.916	ng		99
63) Azobenzene	10.698	77	142108	7.656	ng		99
65) 4,6-Dinitro-2-methylph...	10.581	198	8714	10.914	ng		95
66) n-Nitrosodiphenylamine	10.657	169	124476	7.982	ng		99
67) 4-Bromophenyl-phenylether	11.033	248	39475	7.819	ng		96
68) Hexachlorobenzene	11.098	284	43435	8.109	ng		99
69) Atrazine	11.175	200	30935	7.754	ng		99
70) Pentachlorophenol	11.286	266	19927	6.781	ng		96
71) Phenanthrene	11.510	178	196397	8.197	ng		100
72) Anthracene	11.563	178	195088	8.097	ng		99
73) Carbazole	11.710	167	176735	8.188	ng		99
74) Di-n-butylphthalate	12.045	149	151800	7.662	ng		99
75) Fluoranthene	12.698	202	176691	8.111	ng		99
77) Benzidine	12.816	184	61971	7.605	ng		96
78) Pyrene	12.927	202	180970	8.154	ng		99
80) Butylbenzylphthalate	13.545	149	24189	8.451	ng		96
81) Benzo(a)anthracene	14.116	228	120381	7.553	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	29003	6.266	ng		99
83) Chrysene	14.151	228	111404	7.589	ng		99
84) Bis(2-ethylhexyl)phtha...	14.110	149	36669	8.476	ng		100
85) Di-n-octyl phthalate	14.721	149	60709	10.798	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.162	276	133770	7.837	ng		99
88) Benzo(b)fluoranthene	15.186	252	94146	7.112	ng		100
89) Benzo(k)fluoranthene	15.216	252	97346	7.709	ng		99
90) Benzo(a)pyrene	15.563	252	91021	7.270	ng		99
91) Dibenzo(a,h)anthracene	17.186	278	110266	7.903	ng		99
92) Benzo(g,h,i)perylene	17.627	276	113230	7.960	ng		99

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

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