Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143152.D
Acq On : 17 Jul 2025 17:07
Operator : RC/JU
Sample : Q2126-09
Misc : MDL-WATER-4PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 17:24:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	171781	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	660737	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	343638	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	558994	20.000	ng		0.00
76) Chrysene-d12	14.115	240	326740	20.000	ng		0.00
86) Perylene-d12	15.621	264	347274	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	1163222	107.157	ng		0.00
7) Phenol-d6	6.587	99	1533522	112.236	ng		0.00
23) Nitrobenzene-d5	7.522	82	1016828	76.711	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	425303	119.805	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1802619	71.741	ng		0.00
79) Terphenyl-d14	13.068	244	1684763	76.731	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	19501	3.797	ng		99
3) Pyridine	3.640	79	47755	3.582	ng		98
4) n-Nitrosodimethylamine	3.504	42	25579	3.716	ng	#	98
6) Aniline	6.622	93	75004	3.939	ng		100
8) 2-Chlorophenol	6.751	128	45950	4.038	ng		93
9) Benzaldehyde	6.510	77	41745	4.074	ng		97
10) Phenol	6.598	94	58125m	3.905	ng		
11) bis(2-Chloroethyl)ether	6.692	93	47969	4.209	ng		96
12) 1,3-Dichlorobenzene	6.904	146	51127	4.136	ng		99
13) 1,4-Dichlorobenzene	6.981	146	50232	4.035	ng		100
14) 1,2-Dichlorobenzene	7.134	146	49021	4.140	ng		98
15) Benzyl Alcohol	7.087	79	40370	3.870	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	86147	4.075	ng		99
17) 2-Methylphenol	7.198	107	37626	3.933	ng		99
18) Hexachloroethane	7.481	117	16773	3.892	ng		96
19) n-Nitroso-di-n-propyla...	7.363	70	35585	4.059	ng		96
20) 3+4-Methylphenols	7.345	107	49848	4.294	ng		92
22) Acetophenone	7.357	105	67353	4.306	ng		99
24) Nitrobenzene	7.534	77	53950	4.366	ng		96
25) Isophorone	7.769	82	93702	4.004	ng		99
26) 2-Nitrophenol	7.851	139	19271	3.593	ng		100
27) 2,4-Dimethylphenol	7.881	122	45279	4.142	ng		93
28) bis(2-Chloroethoxy)met...	7.981	93	58201	4.148	ng		98
29) 2,4-Dichlorophenol	8.086	162	36600	3.970	ng		98
30) 1,2,4-Trichlorobenzene	8.181	180	41445	4.161	ng		99
31) Naphthalene	8.263	128	138181	4.246	ng		99
32) Benzoic acid	7.916	122	11199	6.800	ng		99
33) 4-Chloroaniline	8.298	127	52428	3.946	ng		98
34) Hexachlorobutadiene	8.386	225	24367	4.005	ng		96
35) Caprolactam	8.622	113	9742	3.497	ng		92
36) 4-Chloro-3-methylphenol	8.769	107	39415	3.933	ng		98
37) 2-Methylnaphthalene	8.951	142	83794	4.232	ng		100
38) 1-Methylnaphthalene	9.051	142	88551	4.343	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	42152	4.249	ng		98
41) Hexachlorocyclopentadiene	9.110	237	18039	2.794	ng		99
43) 2,4,6-Trichlorophenol	9.222	196	25824	3.761	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143152.D
Acq On : 17 Jul 2025 17:07
Operator : RC/JU
Sample : Q2126-09
Misc : MDL-WATER-4PPM
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 17 17:24:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.257	196	28125	4.095	ng		96
46) 1,1'-Biphenyl	9.416	154	117237	4.373	ng		98
47) 2-Chloronaphthalene	9.439	162	83505	4.209	ng		99
48) 2-Nitroaniline	9.522	65	23090	3.712	ng		93
49) Acenaphthylene	9.857	152	136529	4.107	ng		98
50) Dimethylphthalate	9.704	163	91686	4.093	ng		99
51) 2,6-Dinitrotoluene	9.763	165	17490	3.838	ng		95
52) Acenaphthene	10.027	154	83374	4.243	ng		99
53) 3-Nitroaniline	9.927	138	19711	3.698	ng		94
54) 2,4-Dinitrophenol	10.033	184	3285	8.122	ng	#	1
55) Dibenzofuran	10.198	168	123127	4.221	ng		99
56) 4-Nitrophenol	10.075	139	12880	3.236	ng		97
57) 2,4-Dinitrotoluene	10.163	165	20208	3.535	ng		96
58) Fluorene	10.539	166	97627	4.459	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	22422m	3.941	ng		
60) Diethylphthalate	10.410	149	90653	4.095	ng		99
61) 4-Chlorophenyl-phenyle...	10.533	204	47562	4.363	ng		99
62) 4-Nitroaniline	10.533	138	17507	3.833	ng		96
63) Azobenzene	10.692	77	94360	4.089	ng		98
65) 4,6-Dinitro-2-methylph...	10.575	198	5880	7.193	ng		93
66) n-Nitrosodiphenylamine	10.645	169	81847	4.158	ng		100
67) 4-Bromophenyl-phenylether	11.022	248	26505	3.979	ng		99
68) Hexachlorobenzene	11.092	284	28274	4.061	ng		96
69) Atrazine	11.169	200	20110	3.706	ng		99
70) Pentachlorophenol	11.280	266	13257	3.238	ng		99
71) Phenanthrene	11.504	178	125400	4.225	ng		99
72) Anthracene	11.557	178	125876	4.158	ng		98
73) Carbazole	11.704	167	110544	4.182	ng		99
74) Di-n-butylphthalate	12.039	149	113593	3.798	ng		99
75) Fluoranthene	12.692	202	112908	4.144	ng		98
77) Benzidine	12.804	184	44043	3.499	ng		96
78) Pyrene	12.921	202	114007	4.088	ng		99
80) Butylbenzylphthalate	13.539	149	26940	3.155	ng		100
81) Benzo(a)anthracene	14.110	228	88802	4.059	ng		98
82) 3,3'-Dichlorobenzidine	14.063	252	25653	3.519	ng		98
83) Chrysene	14.145	228	76914	3.911	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	43672	3.379	ng		98
85) Di-n-octyl phthalate	14.710	149	74169	3.166	ng		99
87) Indeno(1,2,3-cd)pyrene	17.139	276	90587	3.699	ng		99
88) Benzo(b)fluoranthene	15.174	252	78571	3.704	ng		99
89) Benzo(k)fluoranthene	15.204	252	74921	3.957	ng		99
90) Benzo(a)pyrene	15.551	252	72736	3.721	ng		99
91) Dibenzo(a,h)anthracene	17.162	278	73723	3.699	ng		100
92) Benzo(g,h,i)perylene	17.603	276	72362	3.753	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143152.D
Acq On : 17 Jul 2025 17:07
Operator : RC/JU
Sample : Q2126-09
Misc : MDL-WATER-4PPM
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 17 17:24:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025