Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032125\
Data File : BN036702.D
Acq On : 21 Mar 2025 12:31
Operator : RC/JU
Sample : Q1546-02
Misc : MDL-WATER 4ppm
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2025-02

Quant Time: Mar 21 13:15:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 20 13:16:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	81083	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	352849	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.345	164	235803	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	503553	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	496779	20.000	ng/ul	0.00
88) Perylene-d12	24.286	264	487698	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	8900	4.267	ng/uL	0.00
4) Pyridine-d5	3.599	84	153118	24.019	ng/ul	0.00
7) Phenol-d5	6.869	99	184390	23.810	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	142015	25.776	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	140145	25.736	ng/ul	0.00
15) 4-Methylphenol-d8	8.410	113	143521	22.445	ng/ul	0.00
21) Nitrobenzene-d5	8.852	128	74027	26.541	ng/ul	0.00
24) 2-Nitrophenol-d4	9.575	143	76032	25.802	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.110	165	130677	24.449	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	201178	24.374	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	484531	27.323	ng/ul	0.00
49) Acenaphthylene-d8	14.040	160	536411	27.079	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	85535	24.350	ng/ul	0.00
60) Fluorene-d10	15.339	176	405905	27.138	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	73836	21.428	ng/ul	0.00
73) Anthracene-d10	17.192	188	629016	25.384	ng/ul	0.00
81) Pyrene-d10	19.492	212	749100	27.602	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.080	264	711111	29.263	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	2853m	1.220	ng/uL	
5) Pyridine	3.622	79	30999	4.661	ng/ul#	80
6) Benzaldehyde	6.846	77	24049	5.268	ng/ul	96
8) Phenol	6.899	94	35350	4.258	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.128	93	29653	4.573	ng/ul	99
12) 2-Chlorophenol	7.269	128	26012	4.528	ng/ul	97
13) 2-Methylphenol	8.146	108	22867	3.824	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.222	45	60625	4.872	ng/ul	100
16) Acetophenone	8.522	105	46893	4.314	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.505	70	26207	4.293	ng/ul	96
18) 4-Methylphenol	8.469	108	26863	3.933	ng/ul	98
19) Hexachloroethane	8.775	117	12415	4.701	ng/ul	89
22) Nitrobenzene	8.893	77	40013	4.743	ng/ul	98
23) Isophorone	9.422	82	67689	4.309	ng/ul	99
25) 2-Nitrophenol	9.604	139	14999	4.571	ng/ul	91
26) 2,4-Dimethylphenol	9.669	107	15471	2.231	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.904	93	41258	4.658	ng/ul	98
29) 2,4-Dichlorophenol	10.140	162	24328	4.438	ng/ul	95
30) Naphthalene	10.540	128	92299	4.730	ng/ul	98
32) 4-Chloroaniline	10.651	127	34904	4.370	ng/ul	98
33) Hexachlorobutadiene	10.828	225	16852	4.667	ng/ul	96
34) Caprolactam	11.446	113	9337m	4.112	ng/ul	
35) 4-Chloro-3-methylphenol	11.781	107	27994	4.026	ng/ul	100
36) 2-Methylnaphthalene	12.157	142	62153	4.576	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032125\
Data File : BN036702.D
Acq On : 21 Mar 2025 12:31
Operator : RC/JU
Sample : Q1546-02
Misc : MDL-WATER 4ppm
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2025-02

Quant Time: Mar 21 13:15:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 20 13:16:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	58871	4.298	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.528	216	31630	4.784	ng/ul	94
40) Hexachlorocyclopentadiene	12.510	237	15870	4.067	ng/ul#	87
41) 2,4,6-Trichlorophenol	12.775	196	17535	4.031	ng/ul	98
42) 2,4,5-Trichlorophenol	12.845	196	20415	4.284	ng/ul	91
43) 1,1'-Biphenyl	13.175	154	83500	4.795	ng/ul	98
44) 2-Chloronaphthalene	13.216	162	64469	4.774	ng/ul	98
45) 2-Nitroaniline	13.422	65	20957	3.866	ng/ul	92
47) Dimethylphthalate	13.804	163	89012	4.978	ng/ul	98
48) 2,6-Dinitrotoluene	13.922	165	14300	4.096	ng/ul	96
50) Acenaphthylene	14.069	152	105417	4.917	ng/ul	96
51) 3-Nitroaniline	14.251	138	13332	3.536	ng/ul#	96
52) Acenaphthene	14.410	153	76086	4.922	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	9926	4.135	ng/ul	97
55) 4-Nitrophenol	14.563	109	15001	4.338	ng/ul	88
56) Dibenzofuran	14.745	168	103872	4.877	ng/ul	98
57) 2,4-Dinitrotoluene	14.716	165	22808	4.266	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.975	232	17276	4.337	ng/ul	98
59) Diethylphthalate	15.175	149	87820	4.728	ng/ul	99
61) Fluorene	15.398	166	85639	4.864	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.392	204	41250	4.913	ng/ul	94
63) 4-Nitroaniline	15.416	138	12159	3.277	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.475	198	18301	4.941	ng/ul#	78
67) N-Nitrosodiphenylamine	15.610	169	68437	4.449	ng/ul	94
68) 4-Bromophenyl-phenylether	16.286	248	22903	4.691	ng/ul	96
69) Hexachlorobenzene	16.404	284	25682	4.721	ng/ul	95
70) Atrazine	16.563	200	27247	4.762	ng/ul	95
71) Pentachlorophenol	16.745	266	18241	4.853	ng/ul	94
72) Phenanthrene	17.133	178	135730	4.654	ng/ul	99
74) Anthracene	17.228	178	135237	4.554	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.140	216	29346	4.259	ng/uL	95
76) Pentachlorobenzene	14.669	250	29826	4.298	ng/uL	96
77) Carbazole	17.498	167	115498	4.328	ng/ul	96
78) Di-n-butylphthalate	18.069	149	139434	4.201	ng/ul	99
80) Fluoranthene	19.157	202	153782	4.842	ng/ul	98
82) Pyrene	19.516	202	177021	5.120	ng/ul	99
83) Butylbenzylphthalate	20.427	149	59058	4.142	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.239	252	39768	4.348	ng/ul	94
85) Benzo(a)anthracene	21.316	228	160427	4.688	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.245	149	91975	4.441	ng/ul	98
87) Chrysene	21.374	228	152405	4.626	ng/ul	94
89) Di-n-octyl phthalate	22.363	149	131901	4.021	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	150073	5.020	ng/ul	99
91) Benzo(k)fluoranthene	23.410	252	149716	4.963	ng/ul	99
93) Benzo(a)pyrene	24.145	252	137320	4.812	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.598	276	160200	4.598	ng/ul	99
95) Dibenzo(a,h)anthracene	27.662	278	129456m	4.661	ng/ul	
96) Benzo(g,h,i)perylene	28.633	276	122728	4.524	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032125\
Data File : BN036702.D
Acq On : 21 Mar 2025 12:31
Operator : RC/JU
Sample : Q1546-02
Misc : MDL-WATER 4ppm
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2025-02

Quant Time: Mar 21 13:15:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 20 13:16:23 2025
Response via : Initial Calibration