Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032025\
Data File : BG064116.D
Acq On : 20 Mar 2025 12:47
Operator : RC/JU
Sample : Q1546-01
Misc : MDL-WATER 4 ppm
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT1-2025-01

Quant Time: Mar 20 15:48:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 14 14:37:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	29388	20.000	ng/ul	0.00
20) Naphthalene-d8	10.652	136	133560	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.483	164	99000	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.226	188	226765	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	217201	20.000	ng/ul	0.00
88) Perylene-d12	24.471	264	230360	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	3207	4.369	ng/uL	0.00
4) Pyridine-d5	3.742	84	50967	24.168	ng/ul	0.00
7) Phenol-d5	7.021	99	67004	25.198	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.191	67	43796	26.138	ng/ul	0.00
11) 2-Chlorophenol-d4	7.391	132	54512	25.689	ng/ul	0.00
15) 4-Methylphenol-d8	8.560	113	54705	24.252	ng/ul	0.00
21) Nitrobenzene-d5	9.013	128	25197	25.154	ng/ul	0.00
24) 2-Nitrophenol-d4	9.729	143	27608	26.242	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.264	165	53563	25.249	ng/ul	0.00
31) 4-Chloroaniline-d4	10.781	131	79943	26.876	ng/ul	0.00
46) Dimethylphthalate-d6	13.895	166	211452	27.215	ng/ul	0.00
49) Acenaphthylene-d8	14.177	160	224659	26.001	ng/ul	0.00
54) 4-Nitrophenol-d4	14.671	143	30740	23.547	ng/ul	0.00
60) Fluorene-d10	15.476	176	183050	27.332	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	24905	20.365	ng/ul	0.00
73) Anthracene-d10	17.320	188	290682	25.562	ng/ul	0.00
81) Pyrene-d10	19.606	212	337582	28.172	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.265	264	331624	27.622	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.378	88	1491	1.793	ng/uL#	72
5) Pyridine	3.760	79	9702	4.437	ng/ul#	62
6) Benzaldehyde	7.003	77	7003	4.480	ng/ul	93
8) Phenol	7.050	94	12603	4.544	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.285	93	10328	4.926	ng/ul#	96
12) 2-Chlorophenol	7.426	128	10773	5.010	ng/ul	95
13) 2-Methylphenol	8.296	108	9420	4.379	ng/ul	86
14) 2,2'-oxybis(1-Chloropr...	8.384	45	23287	4.740	ng/ul#	96
16) Acetophenone	8.678	105	18689	5.090	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.660	70	8760	4.479	ng/ul#	96
18) 4-Methylphenol	8.619	108	10179	4.268	ng/ul	92
19) Hexachloroethane	8.948	117	4453	4.747	ng/ul	88
22) Nitrobenzene	9.048	77	12625	4.673	ng/ul#	72
23) Isophorone	9.577	82	25315	4.850	ng/ul	98
25) 2-Nitrophenol	9.759	139	4582	4.089	ng/ul	93
26) 2,4-Dimethylphenol	9.829	107	6892	2.722	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.058	93	14049	4.775	ng/ul	98
29) 2,4-Dichlorophenol	10.293	162	9853	4.776	ng/ul#	88
30) Naphthalene	10.699	128	36199	4.983	ng/ul	97
32) 4-Chloroaniline	10.805	127	13598	4.733	ng/ul	92
33) Hexachlorobutadiene	10.987	225	8519	5.394	ng/ul	89
34) Caprolactam	11.533	113	3962m	4.986	ng/ul	
35) 4-Chloro-3-methylphenol	11.921	107	11539	4.451	ng/ul	97
36) 2-Methylnaphthalene	12.309	142	25723	4.901	ng/ul	89

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032025\
Data File : BG064116.D
Acq On : 20 Mar 2025 12:47
Operator : RC/JU
Sample : Q1546-01
Misc : MDL-WATER 4 ppm
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT1-2025-01

Quant Time: Mar 20 15:48:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 14 14:37:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.526	142	24382	4.573	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.673	216	14912	4.991	ng/ul	90
40) Hexachlorocyclopentadiene	12.661	237	7105	4.269	ng/ul	91
41) 2,4,6-Trichlorophenol	12.914	196	8606	4.557	ng/ul	84
42) 2,4,5-Trichlorophenol	12.978	196	9111m	4.454	ng/ul	
43) 1,1'-Biphenyl	13.319	154	36643	4.832	ng/ul	94
44) 2-Chloronaphthalene	13.360	162	26667	4.672	ng/ul	97
45) 2-Nitroaniline	13.554	65	8197	4.225	ng/ul	95
47) Dimethylphthalate	13.942	163	35174	4.790	ng/ul#	98
48) 2,6-Dinitrotoluene	14.054	165	5436	3.946	ng/ul#	73
50) Acenaphthylene	14.206	152	43241	4.872	ng/ul	96
51) 3-Nitroaniline	14.377	138	6055	4.353	ng/ul#	90
52) Acenaphthene	14.547	153	31577	4.833	ng/ul	98
53) 2,4-Dinitrophenol	14.582	184	2826	4.049	ng/ul#	83
55) 4-Nitrophenol	14.682	109	6596	4.455	ng/ul	82
56) Dibenzofuran	14.882	168	44644	4.888	ng/ul	96
57) 2,4-Dinitrotoluene	14.835	165	9349	4.419	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.105	232	7989	4.315	ng/ul#	97
59) Diethylphthalate	15.305	149	38577	4.882	ng/ul	97
61) Fluorene	15.534	166	39533	5.299	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.528	204	18708	5.055	ng/ul	91
63) 4-Nitroaniline	15.540	138	4938	3.396	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.599	198	5881	4.493	ng/ul	99
67) N-Nitrosodiphenylamine	15.740	169	32887	4.954	ng/ul	96
68) 4-Bromophenyl-phenylether	16.422	248	11984	4.826	ng/ul	96
69) Hexachlorobenzene	16.533	284	13654	4.917	ng/ul	98
70) Atrazine	16.686	200	14366	5.443	ng/ul#	85
71) Pentachlorophenol	16.880	266	6527	3.928	ng/ul#	88
72) Phenanthrene	17.268	178	63825	5.036	ng/ul	97
74) Anthracene	17.356	178	60634	4.674	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.284	216	13951	4.427	ng/ul	93
76) Pentachlorobenzene	14.806	250	15212	4.621	ng/ul#	83
77) Carbazole	17.620	167	51698	4.595	ng/ul	95
78) Di-n-butylphthalate	18.196	149	64214	4.463	ng/ul	97
80) Fluoranthene	19.277	202	71452	5.033	ng/ul#	95
82) Pyrene	19.635	202	77288	5.134	ng/ul#	93
83) Butylbenzylphthalate	20.540	149	26779	4.467	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.357	252	22716	5.302	ng/ul#	99
85) Benzo(a)anthracene	21.439	228	74199	4.930	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.375	149	42787	4.757	ng/ul	98
87) Chrysene	21.498	228	70285	4.912	ng/ul	97
89) Di-n-octyl phthalate	22.514	149	69119	4.580	ng/ul	100
90) Benzo(b)fluoranthene	23.513	252	68030	4.780	ng/ul	99
91) Benzo(k)fluoranthene	23.578	252	72647	5.005	ng/ul	96
93) Benzo(a)pyrene	24.324	252	67389	5.016	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.855	276	79749m	4.742	ng/ul	
95) Dibenzo(a,h)anthracene	27.914	278	62299	4.651	ng/ul	95
96) Benzo(g,h,i)perylene	28.901	276	59922	4.596	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032025\
Data File : BG064116.D
Acq On : 20 Mar 2025 12:47
Operator : RC/JU
Sample : Q1546-01
Misc : MDL-WATER 4 ppm
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT1-2025-01

Quant Time: Mar 20 15:48:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 14 14:37:18 2025
Response via : Initial Calibration