Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032025\
Data File : BM049730.D
Acq On : 20 Mar 2025 11:54
Operator : RC/JU
Sample : Q1546-01
Misc : MDL-WATER 4 ppm
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 20 12:59:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 14 15:07:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	322095	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	1212081	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	885690	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	1860304	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	1547894	20.000	ng/ul	0.00
88) Perylene-d12	24.438	264	1301970	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	31225	3.994	ng/uL	0.00
4) Pyridine-d5	3.657	84	563848	23.445	ng/ul	0.00
7) Phenol-d5	6.969	99	624418	23.710	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	430493	26.204	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	504916	25.541	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	470503	23.010	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	240239	26.048	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	252866	25.376	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	527615	24.463	ng/ul	0.00
31) 4-Chloroaniline-d4	10.727	131	709992	25.747	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	1782018	27.295	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	2039357	26.816	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	257637	23.208	ng/ul	0.00
60) Fluorene-d10	15.433	176	1587830	27.291	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	220767	18.916	ng/ul	0.00
73) Anthracene-d10	17.280	188	2408533	25.508	ng/ul	0.00
81) Pyrene-d10	19.574	212	2848740	30.102	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.232	264	1983714	28.332	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	11269m	1.351	ng/uL	
5) Pyridine	3.681	79	104444	4.350	ng/ul#	83
6) Benzaldehyde	6.934	77	69055	4.963	ng/ul	98
8) Phenol	6.992	94	114578	4.240	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.222	93	98357	4.540	ng/ul	96
12) 2-Chlorophenol	7.363	128	91735	4.497	ng/ul	99
13) 2-Methylphenol	8.245	108	72700	3.685	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.322	45	126946	4.703	ng/ul	98
16) Acetophenone	8.616	105	148037	4.449	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.604	70	76378	4.441	ng/ul	98
18) 4-Methylphenol	8.569	108	85165	3.915	ng/ul	97
19) Hexachloroethane	8.880	117	41470	4.679	ng/ul	98
22) Nitrobenzene	8.992	77	109345	4.744	ng/ul	98
23) Isophorone	9.522	82	192143	4.287	ng/ul	100
25) 2-Nitrophenol	9.704	139	48084	4.353	ng/ul	92
26) 2,4-Dimethylphenol	9.769	107	47726	2.350	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.004	93	128034	4.637	ng/ul	99
29) 2,4-Dichlorophenol	10.245	162	95053	4.417	ng/ul	95
30) Naphthalene	10.645	128	288121	4.574	ng/ul	99
32) 4-Chloroaniline	10.751	127	118836	4.547	ng/ul	99
33) Hexachlorobutadiene	10.939	225	72753	4.712	ng/ul	96
34) Caprolactam	11.539	113	26283m	4.303	ng/ul	
35) 4-Chloro-3-methylphenol	11.880	107	73044	3.780	ng/ul	99
36) 2-Methylnaphthalene	12.257	142	206048	4.382	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032025\
Data File : BM049730.D
Acq On : 20 Mar 2025 11:54
Operator : RC/JU
Sample : Q1546-01
Misc : MDL-WATER 4 ppm
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 20 12:59:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 14 15:07:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.474	142	191615	4.129	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.627	216	136230	4.242	ng/ul	97
40) Hexachlorocyclopentadiene	12.616	237	72980	3.785	ng/ul	97
41) 2,4,6-Trichlorophenol	12.868	196	68794	3.678	ng/ul	99
42) 2,4,5-Trichlorophenol	12.939	196	73723	3.670	ng/ul	98
43) 1,1'-Biphenyl	13.268	154	283454	4.313	ng/ul	98
44) 2-Chloronaphthalene	13.310	162	237769	4.570	ng/ul	99
45) 2-Nitroaniline	13.510	65	46941	3.685	ng/ul	92
47) Dimethylphthalate	13.898	163	299441	4.653	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	44796	3.696	ng/ul	96
50) Acenaphthylene	14.157	152	344406	4.443	ng/ul	99
51) 3-Nitroaniline	14.339	138	40008	3.470	ng/ul	97
52) Acenaphthene	14.504	153	244772	4.388	ng/ul	98
53) 2,4-Dinitrophenol	14.539	184	27522	3.712	ng/ul	96
55) 4-Nitrophenol	14.651	109	37991	4.477	ng/ul	95
56) Dibenzofuran	14.839	168	362201	4.607	ng/ul	96
57) 2,4-Dinitrotoluene	14.798	165	67448	3.850	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.068	232	61626	3.727	ng/ul	95
59) Diethylphthalate	15.262	149	276692	4.468	ng/ul	99
61) Fluorene	15.486	166	291148	4.270	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	157594	4.171	ng/ul	98
63) 4-Nitroaniline	15.498	138	37308	3.421	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.557	198	51995	4.017	ng/ul#	75
67) N-Nitrosodiphenylamine	15.692	169	233934	4.144	ng/ul	99
68) 4-Bromophenyl-phenylether	16.374	248	89455	4.022	ng/ul	96
69) Hexachlorobenzene	16.492	284	103671	4.129	ng/ul	97
70) Atrazine	16.645	200	90716	4.175	ng/ul	98
71) Pentachlorophenol	16.833	266	59174	3.654	ng/ul	96
72) Phenanthrene	17.221	178	446908	4.245	ng/ul	99
74) Anthracene	17.315	178	436529	4.147	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	126380	3.970	ng/uL	99
76) Pentachlorobenzene	14.757	250	122397	3.831	ng/uL	98
77) Carbazole	17.580	167	366341	4.056	ng/ul	99
78) Di-n-butylphthalate	18.156	149	410083	3.922	ng/ul	100
80) Fluoranthene	19.239	202	484722	4.555	ng/ul	100
82) Pyrene	19.603	202	535503	4.743	ng/ul	100
83) Butylbenzylphthalate	20.509	149	133813	3.706	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.327	252	108820	3.395	ng/ul	98
85) Benzo(a)anthracene	21.409	228	478397	4.487	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.339	149	195295	3.664	ng/ul	99
87) Chrysene	21.468	228	426255	4.444	ng/ul	98
89) Di-n-octyl phthalate	22.480	149	252894	2.951	ng/ul	100
90) Benzo(b)fluoranthene	23.485	252	369592	4.132	ng/ul	99
91) Benzo(k)fluoranthene	23.544	252	373671	4.172	ng/ul	98
93) Benzo(a)pyrene	24.297	252	349474	4.417	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.826	276	354987	4.176	ng/ul	98
95) Dibenzo(a,h)anthracene	27.897	278	288834	4.186	ng/ul	99
96) Benzo(g,h,i)perylene	28.879	276	279115	4.424	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032025\
Data File : BM049730.D
Acq On : 20 Mar 2025 11:54
Operator : RC/JU
Sample : Q1546-01
Misc : MDL-WATER 4 ppm
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 20 12:59:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 14 15:07:40 2025
Response via : Initial Calibration