Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031821\
Data File : BN013975.D
Acq On : 18 Mar 2021 10:34
Operator : CG/JU
Sample : M1344-02
Misc : SFAM-MDL-W-02
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-QT2-2021-04

Manual Integrations APPROVED
mohammad
3/18/2021 2:32:36 PM

Quant Time: Mar 18 11:12:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 18 10:04:56 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	136661	20.00	ng/ul	0.00
20) Naphthalene-d8	10.49	136	539529	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.35	164	306260	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.09	188	612111	20.00	ng/ul	0.00
79) Chrysene-d12	21.27	240	634235	20.00	ng/ul	0.00
88) Perylene-d12	23.50	264	655805	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	18084	5.21	ng/uL	0.00
4) Pyridine-d5	3.60	84	272523	28.65	ng/ul	0.00
7) Phenol-d5	6.87	99	385872	33.33	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.04	67	252528	34.82	ng/ul	0.00
11) 2-Chlorophenol-d4	7.23	132	315485	36.11	ng/ul	0.00
15) 4-Methylphenol-d8	8.40	113	287863	32.40	ng/ul	0.00
21) Nitrobenzene-d5	8.86	128	138815	36.90	ng/ul	0.00
24) 2-Nitrophenol-d4	9.58	143	134521	37.77	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.10	165	271851	35.40	ng/ul	0.00
31) 4-Chloroaniline-d4	10.62	131	392305	33.33	ng/ul	0.00
46) Dimethylphthalate-d6	13.76	166	748713	35.25	ng/ul	0.00
49) Acenaphthylene-d8	14.03	160	1018119	39.30	ng/ul	0.00
54) 4-Nitrophenol-d4	14.53	143	125755	30.53	ng/ul	0.00
60) Fluorene-d10	15.34	176	697426	36.89	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.45	200	83376	27.25	ng/ul	0.00
73) Anthracene-d10	17.19	188	1024769	36.34	ng/ul	0.00
81) Pyrene-d10	19.48	212	1101435	34.38	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.36	264	1267734	38.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	4084	1.146	ng/uL	90
5) Pyridine	3.63	79	45730	4.670	ng/ul#	49
6) Benzaldehyde	6.85	77	30600	5.333	ng/ul	96
8) Phenol	6.90	94	57024	4.529	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.13	93	45060	4.562	ng/ul	98
12) 2-Chlorophenol	7.27	128	45650	4.815	ng/ul	98
13) 2-Methylphenol	8.14	108	35394	3.891	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.23	45	66687	4.494	ng/ul	99
16) Acetophenone	8.52	105	62096	4.211	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.50	70	27774	4.066	ng/ul	97
18) 4-Methylphenol	8.46	108	42163	4.236	ng/ul	98
19) Hexachloroethane	8.78	117	17523	4.468	ng/ul	95
22) Nitrobenzene	8.90	77	49226	4.860	ng/ul	98
23) Isophorone	9.42	82	68813	4.015	ng/ul	98
25) 2-Nitrophenol	9.60	139	20981	5.025	ng/ul	95
26) 2,4-Dimethylphenol	9.66	107	44076	4.485	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.90	93	54034	4.549	ng/ul	99
29) 2,4-Dichlorophenol	10.13	162	38866	4.829	ng/ul#	89
30) Naphthalene	10.53	128	142261	4.802	ng/ul	99
32) 4-Chloroaniline	10.65	127	56801	4.660	ng/ul	99
33) Hexachlorobutadiene	10.82	225	25095	4.908	ng/ul	98
34) Caprolactam	11.41	113	6557m	2.717	ng/ul	

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031821\
Data File : BN013975.D
Acq On : 18 Mar 2021 10:34
Operator : CG/JU
Sample : M1344-02
Misc : SFAM-MDL-W-02
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations APPROVED
mohammad
3/18/2021 2:32:36 PM

Quant Time: Mar 18 11:12:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 18 10:04:56 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.77	107	32396	3.972	ng/ul	97
36) 2-Methylnaphthalene	12.15	142	94225	4.679	ng/ul	100
37) 1-Methylnaphthalene	12.38	142	92398	4.627	ng/ul	94
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	46477	4.816	ng/ul	94
40) Hexachlorocyclopentadiene	12.50	237	22986	3.943	ng/ul	98
41) 2,4,6-Trichlorophenol	12.76	196	21359	3.966	ng/ul	98
42) 2,4,5-Trichlorophenol	12.83	196	24575	4.078	ng/ul	99
43) 1,1'-Biphenyl	13.18	154	119567	4.872	ng/ul	99
44) 2-Chloronaphthalene	13.21	162	92826	4.856	ng/ul	99
45) 2-Nitroaniline	13.42	65	16723	3.606	ng/ul	94
47) Dimethylphthalate	13.80	163	106208	4.768	ng/ul	100
48) 2,6-Dinitrotoluene	13.92	165	13676	3.463	ng/ul#	89
50) Acenaphthylene	14.06	152	135033	4.853	ng/ul	99
51) 3-Nitroaniline	14.25	138	15539	3.296	ng/ul	86
52) Acenaphthene	14.41	153	99235	4.898	ng/ul	97
53) 2,4-Dinitrophenol	14.45	184	5451	2.493	ng/ul	94
55) 4-Nitrophenol	14.55	109	14558	4.341	ng/ul	95
56) Dibenzofuran	14.75	168	138570	4.947	ng/ul	99
57) 2,4-Dinitrotoluene	14.70	165	23078	4.072	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	14.97	232	18105	3.879	ng/ul	91
59) Diethylphthalate	15.17	149	93829	4.314	ng/ul	99
61) Fluorene	15.39	166	110629	4.892	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.39	204	53168	4.872	ng/ul	94
63) 4-Nitroaniline	15.41	138	16178	3.465	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.47	198	13247	4.102	ng/ul	95
67) N-Nitrosodiphenylamine	15.60	169	87003	4.671	ng/ul	99
68) 4-Bromophenyl-phenylether	16.29	248	29848	4.772	ng/ul	90
69) Hexachlorobenzene	16.39	284	33422	4.611	ng/ul	97
70) Atrazine	16.56	200	22274	3.533	ng/ul	93
71) Pentachlorophenol	16.74	266	11171	2.871	ng/ul	96
72) Phenanthrene	17.13	178	170263	4.881	ng/ul	99
74) Anthracene	17.22	178	173842	4.877	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.13	216	47600	4.991	ng/uL	96
76) Pentachlorobenzene	14.66	250	42929	4.510	ng/uL	95
77) Carbazole	17.49	167	139281	4.398	ng/ul	99
78) Di-n-butylphthalate	18.06	149	119711	3.663	ng/ul	100
80) Fluoranthene	19.15	202	172305	4.310	ng/ul	99
82) Pyrene	19.51	202	205400	4.791	ng/ul	98
83) Butylbenzylphthalate	20.42	149	40544	2.975	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.19	252	32026	2.869	ng/ul	86
85) Benzo(a)anthracene	21.25	228	181346	4.452	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.19	149	63201	3.001	ng/ul	100
87) Chrysene	21.30	228	193691	4.845	ng/ul	99
89) Di-n-octyl phthalate	22.07	149	104640	2.536	ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	194261	4.661	ng/ul	98
91) Benzo(k)fluoranthene	22.87	252	192746	4.606	ng/ul	96
93) Benzo(a)pyrene	23.40	252	189850	5.059	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.73	276	235522	4.981	ng/ul	94
95) Dibenzo(a,h)anthracene	25.74	278	201634	5.060	ng/ul	98
96) Benzo(g,h,i)perylene	26.42	276	189885	4.854	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031821\
Data File : BN013975.D
Acq On : 18 Mar 2021 10:34
Operator : CG/JU
Sample : M1344-02
Misc : SFAM-MDL-W-02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 18 11:12:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 18 10:04:56 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations APPROVED
mohammad
3/18/2021 2:32:36 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031821\
Data File : BN013975.D
Acq On : 18 Mar 2021 10:34
Operator : CG/JU
Sample : M1344-02
Misc : SFAM-MDL-W-02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 18 11:12:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 18 10:04:56 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations APPROVED
mohammad
3/18/2021 2:32:36 PM