

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011720\
 Data File : VN059752.D
 Acq On : 17 Jan 2020 11:40
 Operator : JC/MD
 Sample : VN0117WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/20/2020 11:12:10 AM

Quant Time: Jan 18 01:18:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	203032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	309746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	278605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	132529	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	112956	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	7.56	113	96094	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
50) Toluene-d8	10.08	98	367827	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.40	95	130805	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	46657	19.169	ug/l	99
3) Chloromethane	2.04	50	42504	18.286	ug/l	97
4) Vinyl Chloride	2.17	62	53230	20.014	ug/l	97
5) Bromomethane	2.54	94	32851	20.240	ug/l	100
6) Chloroethane	2.69	64	24865	19.761	ug/l	95
7) Trichlorofluoromethane	3.00	101	63608	19.915	ug/l	98
8) Diethyl Ether	3.38	74	22113	19.728	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.74	101	37302	20.984	ug/l	91
10) Methyl Iodide	3.93	142	54969	19.130	ug/l	94
11) Tert butyl alcohol	4.73	59	34769	91.601	ug/l	98
12) 1,1-Dichloroethene	3.72	96	35345	19.028	ug/l	86
13) Acrolein	3.58	56	17223	64.100	ug/l	95
14) Allyl chloride	4.29	41	49148	19.630	ug/l #	87
15) Acrylonitrile	4.94	53	79402	91.706	ug/l	99
16) Acetone	3.78	43	74054	89.885	ug/l	94
17) Carbon Disulfide	4.03	76	96622	18.260	ug/l	98
18) Methyl Acetate	4.29	43	47606	18.076	ug/l #	88
19) Methyl tert-butyl Ether	5.00	73	118158	19.510	ug/l	98
20) Methylene Chloride	4.52	84	39486	18.542	ug/l	87
21) trans-1,2-Dichloroethene	5.01	96	38274	19.384	ug/l	89
22) Diisopropyl ether	5.91	45	108346	19.095	ug/l #	93
23) Vinyl Acetate	5.86	43	395658	90.066	ug/l	95
24) 1,1-Dichloroethane	5.82	63	66698	19.239	ug/l	96
25) 2-Butanone	6.80	43	110560	86.589	ug/l #	87
26) 2,2-Dichloropropane	6.80	77	63413	19.026	ug/l	93
27) cis-1,2-Dichloroethene	6.80	96	44282	19.498	ug/l	87
28) Bromochloromethane	7.17	49	27627	19.938	ug/l #	71
29) Tetrahydrofuran	7.18	42	69399	87.846	ug/l #	87
30) Chloroform	7.35	83	70770	19.701	ug/l	100
31) Cyclohexane	7.63	56	62429	18.714	ug/l #	85
32) 1,1,1-Trichloroethane	7.54	97	65211	19.634	ug/l	95
36) 1,1-Dichloropropene	7.77	75	53197	19.722	ug/l	95
37) Ethyl Acetate	6.90	43	46392	18.337	ug/l	96
38) Carbon Tetrachloride	7.75	117	58110	19.804	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011720\
 Data File : VN059752.D
 Acq On : 17 Jan 2020 11:40
 Operator : JC/MD
 Sample : VN0117WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/20/2020 11:12:10 AM

Quant Time: Jan 18 01:18:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	65063	19.562	ug/l	89
40) Benzene	8.02	78	156225	19.420	ug/l	99
41) Methacrylonitrile	7.15	41	20521m	16.468	ug/l	
42) 1,2-Dichloroethane	8.10	62	53882	19.755	ug/l	97
43) Isopropyl Acetate	8.14	43	78685	18.082	ug/l #	94
44) Trichloroethene	8.82	130	46068	20.977	ug/l	93
45) 1,2-Dichloropropane	9.10	63	39391	19.788	ug/l	98
46) Dibromomethane	9.19	93	27819	19.811	ug/l	91
47) Bromodichloromethane	9.39	83	55571	19.638	ug/l	99
48) Methyl methacrylate	9.18	41	34438	17.693	ug/l	87
49) 1,4-Dioxane	9.18	88	14656	411.313	ug/l	89
51) 4-Methyl-2-Pentanone	9.97	43	224786	89.361	ug/l	95
52) Toluene	10.14	92	100292	19.737	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	60516	19.153	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	66193	19.911	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	38935	19.347	ug/l	98
56) Ethyl methacrylate	10.42	69	57217	18.606	ug/l	92
57) 1,3-Dichloropropane	10.70	76	64179	20.087	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	104211	112.511	ug/l	91
59) 2-Hexanone	10.74	43	168781	91.077	ug/l	94
60) Dibromochloromethane	10.89	129	46284	20.196	ug/l	98
61) 1,2-Dibromoethane	10.99	107	41497	19.673	ug/l	99
64) Tetrachloroethene	10.62	164	46714	20.573	ug/l	96
65) Chlorobenzene	11.43	112	109658	20.025	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	42560	20.114	ug/l	98
67) Ethyl Benzene	11.50	91	195615	19.678	ug/l	97
68) m/p-Xylenes	11.62	106	148372	39.513	ug/l	94
69) o-Xylene	11.94	106	72044	19.597	ug/l	93
70) Styrene	11.96	104	118844	19.319	ug/l	96
71) Bromoform	12.12	173	33949	20.030	ug/l #	99
73) Isopropylbenzene	12.25	105	194917	20.054	ug/l	99
74) N-amyl acetate	12.07	43	67486	17.894	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	52719	18.710	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	44766m	20.071	ug/l	
77) Bromobenzene	12.52	156	49803	20.234	ug/l	79
78) n-propylbenzene	12.59	91	217180	19.908	ug/l	96
79) 2-Chlorotoluene	12.67	91	126190	19.444	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	162279	19.853	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	19204	18.491	ug/l	94
82) 4-Chlorotoluene	12.77	91	129080	19.829	ug/l	94
83) tert-Butylbenzene	12.99	119	139965	19.798	ug/l	95
84) 1,2,4-Trimethylbenzene	13.03	105	164505	20.342	ug/l	98
85) sec-Butylbenzene	13.17	105	184420	19.855	ug/l	98
86) p-Isopropyltoluene	13.28	119	171100	19.908	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	86972	20.342	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	85742	20.102	ug/l	97
89) n-Butylbenzene	13.61	91	145443	19.847	ug/l	98
90) Hexachloroethane	13.87	117	31421	19.540	ug/l	86
91) 1,2-Dichlorobenzene	13.65	146	84473	19.985	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11478	17.626	ug/l	82

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011720\
 Data File : VN059752.D
 Acq On : 17 Jan 2020 11:40
 Operator : JC/MD
 Sample : VN0117WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/20/2020 11:12:10 AM

Quant Time: Jan 18 01:18:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	52358	20.615	ug/l	99
94) Hexachlorobutadiene	15.01	225	28925	20.666	ug/l	99
95) Naphthalene	15.13	128	136341	18.873	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	50593	20.465	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011720\
Data File : VN059752.D
Acq On : 17 Jan 2020 11:40
Operator : JC/MD
Sample : VN0117WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample Id :
VN0117WBS01

Manual Integrations
APPROVED

MMDadoda
1/20/2020 11:12:10 AM

Quant Time: Jan 18 01:18:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 14 08:58:21 2020
Response via : Initial Calibration

