

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020119\
 Data File : VN053577.D
 Acq On : 1 Feb 2019 15:35
 Operator : JC/SP
 Sample : VN0201WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 9:49:23 AM

Quant Time: Feb 01 23:25:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	639627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1006110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	874330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	418441	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	349478	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	
35) Dibromofluoromethane	7.59	113	336024	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
50) Toluene-d8	10.09	98	1225698	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.40	95	405745	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	147754	20.689	ug/l	99
3) Chloromethane	2.06	50	156005	20.544	ug/l	99
4) Vinyl Chloride	2.18	62	155858	21.143	ug/l	100
5) Bromomethane	2.57	94	97144	20.155	ug/l	99
6) Chloroethane	2.71	64	87130	20.684	ug/l	100
7) Trichlorofluoromethane	3.02	101	204325	20.440	ug/l	97
8) Diethyl Ether	3.41	74	74023	20.276	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	127056	20.552	ug/l	98
10) Methyl Iodide	3.95	142	179628	18.512	ug/l	99
11) Tert butyl alcohol	4.79	59	42020	110.650	ug/l	98
12) 1,1-Dichloroethene	3.74	96	122394	20.664	ug/l	98
13) Acrolein	3.61	56	12802	61.917	ug/l	98
14) Allyl chloride	4.32	41	189431	20.086	ug/l	98
15) Acrylonitrile	4.99	53	227690	111.062	ug/l	100
16) Acetone	3.82	43	184614	112.166	ug/l	100
17) Carbon Disulfide	4.05	76	362506	19.655	ug/l	99
18) Methyl Acetate	4.33	43	104389	21.416	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	321463	21.409	ug/l	98
20) Methylene Chloride	4.55	84	143534	20.786	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	128377	20.090	ug/l	99
22) Diisopropyl ether	5.95	45	362254	20.730	ug/l	95
23) Vinyl Acetate	5.90	43	1299712	107.515	ug/l	98
24) 1,1-Dichloroethane	5.85	63	241402	20.712	ug/l	99
25) 2-Butanone	6.84	43	255599	108.885	ug/l	100
26) 2,2-Dichloropropane	6.82	77	176581	19.847	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	149370	21.021	ug/l	97
28) Bromochloromethane	7.19	49	95121	18.806	ug/l	98
29) Tetrahydrofuran	7.21	42	172998	114.770	ug/l	100
30) Chloroform	7.37	83	237010	20.513	ug/l	99
31) Cyclohexane	7.65	56	216685	19.866	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	199048	20.701	ug/l	99
36) 1,1-Dichloropropene	7.79	75	176278	19.436	ug/l	98
37) Ethyl Acetate	6.93	43	113029	22.314	ug/l	99
38) Carbon Tetrachloride	7.77	117	176965	19.369	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020119\
 Data File : VN053577.D
 Acq On : 1 Feb 2019 15:35
 Operator : JC/SP
 Sample : VN0201WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 9:49:23 AM

Quant Time: Feb 01 23:25:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	203570	18.919	ug/l	98
40) Benzene	8.04	78	550321	19.677	ug/l	99
41) Methacrylonitrile	7.18	41	57759	20.402	ug/l #	87
42) 1,2-Dichloroethane	8.12	62	163482	19.687	ug/l	98
43) Isopropyl Acetate	8.17	43	189369	19.358	ug/l #	88
44) Trichloroethene	8.83	130	153194	19.240	ug/l	100
45) 1,2-Dichloropropane	9.12	63	143774	20.099	ug/l	98
46) Dibromomethane	9.21	93	88052	20.419	ug/l	98
47) Bromodichloromethane	9.40	83	180624	20.146	ug/l	100
48) Methyl methacrylate	9.20	41	90763	19.437	ug/l	94
49) 1,4-Dioxane	9.20	88	26994	422.461	ug/l #	94
51) 4-Methyl-2-Pentanone	9.99	43	510000	106.095	ug/l	100
52) Toluene	10.16	92	330145	19.890	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	172812	19.248	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	207954	19.547	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	123827	20.703	ug/l	99
56) Ethyl methacrylate	10.43	69	142436	20.130	ug/l	100
57) 1,3-Dichloropropane	10.71	76	206852	20.235	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	385423	93.026	ug/l	99
59) 2-Hexanone	10.75	43	332790	101.978	ug/l	100
60) Dibromochloromethane	10.90	129	134861	19.995	ug/l	99
61) 1,2-Dibromoethane	11.01	107	116521	19.683	ug/l	99
64) Tetrachloroethene	10.63	164	146002	19.480	ug/l	99
65) Chlorobenzene	11.43	112	363534	19.575	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	129438	19.957	ug/l	99
67) Ethyl Benzene	11.51	91	594491	19.487	ug/l	100
68) m/p-Xylenes	11.62	106	467950	40.189	ug/l	99
69) o-Xylene	11.95	106	226175	20.107	ug/l	99
70) Styrene	11.96	104	368710	20.223	ug/l	100
71) Bromoform	12.13	173	91920	20.672	ug/l #	100
73) Isopropylbenzene	12.25	105	592673	20.148	ug/l	99
74) N-amyl acetate	12.07	43	137886	19.493	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	141459	20.094	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	117057m	21.780	ug/l	
77) Bromobenzene	12.53	156	155508	19.616	ug/l	99
78) n-propylbenzene	12.59	91	676609	19.897	ug/l	99
79) 2-Chlorotoluene	12.67	91	404337	20.042	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	504593	20.686	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	37253	19.490	ug/l	99
82) 4-Chlorotoluene	12.77	91	410610	19.834	ug/l	99
83) tert-Butylbenzene	12.99	119	445795	20.678	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	502746	20.230	ug/l	98
85) sec-Butylbenzene	13.17	105	597920	20.381	ug/l	99
86) p-Isopropyltoluene	13.29	119	515229	20.080	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	276489	19.401	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	271265	19.242	ug/l	99
89) n-Butylbenzene	13.62	91	432741	19.485	ug/l	100
90) Hexachloroethane	13.87	117	84168	19.887	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	271006	19.863	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20793	20.724	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020119\
Data File : VN053577.D
Acq On : 1 Feb 2019 15:35
Operator : JC/SP
Sample : VN0201WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0201WBS01

Manual Integrations
APPROVED

MMDadoda
2/4/2019 9:49:23 AM

Quant Time: Feb 01 23:25:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	148771	19.012	ug/l	99
94) Hexachlorobutadiene	15.01	225	97941	20.098	ug/l	99
95) Naphthalene	15.13	128	326476	18.881	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	143722	19.795	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020119\
 Data File : VN053577.D
 Acq On : 1 Feb 2019 15:35
 Operator : JC/SP
 Sample : VN0201WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 Client Sample Id :
 VN0201WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 9:49:23 AM

Quant Time: Feb 01 23:25:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

