

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050213.D
 Acq On : 31 Jul 2018 14:27
 Operator : MD\SY
 Sample : VN0731WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/1/2018 11:14:14 AM

Quant Time: Jul 31 18:31:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	565553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	870247	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	782416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	380758	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	409914	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
35) Dibromofluoromethane	7.59	113	362315	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
50) Toluene-d8	10.09	98	1279124	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
62) 4-Bromofluorobenzene	12.40	95	417007	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	149343	18.378	ug/l	99
3) Chloromethane	2.06	50	151282	17.127	ug/l	100
4) Vinyl Chloride	2.18	62	161775	17.391	ug/l	100
5) Bromomethane	2.56	94	63437	11.509	ug/l	100
6) Chloroethane	2.70	64	98551	17.641	ug/l	99
7) Trichlorofluoromethane	3.01	101	213644	17.729	ug/l	96
8) Diethyl Ether	3.41	74	80099	19.939	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	130347	17.988	ug/l	98
10) Methyl Iodide	3.95	142	66119	7.109	ug/l	96
11) Tert butyl alcohol	4.80	59	61113	105.260	ug/l	99
12) 1,1-Dichloroethene	3.73	96	118760	18.220	ug/l	98
13) Acrolein	3.61	56	16381	35.117	ug/l	97
14) Allyl chloride	4.32	41	193094	19.104	ug/l	99
15) Acrylonitrile	4.99	53	262034	103.446	ug/l	99
16) Acetone	3.82	43	206114	108.435	ug/l	98
17) Carbon Disulfide	4.05	76	325962	16.323	ug/l	99
18) Methyl Acetate	4.33	43	188066	25.206	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	365137	21.020	ug/l	99
20) Methylene Chloride	4.55	84	148986	20.556	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	128833	18.653	ug/l	96
22) Diisopropyl ether	5.96	45	435695	21.740	ug/l	97
23) Vinyl Acetate	5.90	43	1442508	101.853	ug/l	100
24) 1,1-Dichloroethane	5.85	63	257415	19.642	ug/l	99
25) 2-Butanone	6.84	43	315843	104.940	ug/l	100
26) 2,2-Dichloropropane	6.83	77	197847	19.845	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	148885	20.024	ug/l	98
28) Bromochloromethane	7.20	49	121108	20.261	ug/l	98
29) Tetrahydrofuran	7.22	42	204420	105.107	ug/l	98
30) Chloroform	7.37	83	264239	19.759	ug/l	99
31) Cyclohexane	7.66	56	195011	17.899	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	216743	18.947	ug/l	99
36) 1,1-Dichloropropene	7.80	75	176384	17.990	ug/l	99
37) Ethyl Acetate	6.93	43	137153	20.064	ug/l	99
38) Carbon Tetrachloride	7.78	117	188176	18.088	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050213.D
 Acq On : 31 Jul 2018 14:27
 Operator : MD\SY
 Sample : VN0731WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0731WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/1/2018 11:14:14 AM

Quant Time: Jul 31 18:31:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	172965	17.149	ug/l	97
40) Benzene	8.04	78	579660	19.429	ug/l	99
41) Methacrylonitrile	7.18	41	65617	20.166	ug/l #	87
42) 1,2-Dichloroethane	8.13	62	194464	19.538	ug/l	99
43) Isopropyl Acetate	8.17	43	305807	23.127	ug/l #	92
44) Trichloroethene	8.84	130	148248	18.492	ug/l	97
45) 1,2-Dichloropropane	9.12	63	157644	19.949	ug/l	99
46) Dibromomethane	9.21	93	98586	20.092	ug/l	100
47) Bromodichloromethane	9.40	83	206532	19.943	ug/l	100
48) Methyl methacrylate	9.20	41	121014	20.556	ug/l	99
49) 1,4-Dioxane	9.20	88	34815	434.546	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	698352	103.923	ug/l	100
52) Toluene	10.16	92	347793	19.748	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	196389	20.097	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	224950	20.142	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	142500	20.400	ug/l	100
56) Ethyl methacrylate	10.43	69	169670	19.233	ug/l	99
57) 1,3-Dichloropropane	10.71	76	234543	20.619	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	357637	86.664	ug/l	100
59) 2-Hexanone	10.75	43	455361	95.483	ug/l	99
60) Dibromochloromethane	10.90	129	155933	20.162	ug/l	98
61) 1,2-Dibromoethane	11.01	107	137627	19.857	ug/l	99
64) Tetrachloroethene	10.63	164	134641	17.899	ug/l	99
65) Chlorobenzene	11.44	112	381783	19.317	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	150428	19.809	ug/l	100
67) Ethyl Benzene	11.51	91	603373	19.005	ug/l	100
68) m/p-Xylenes	11.62	106	472788	39.372	ug/l	99
69) o-Xylene	11.95	106	226929	19.824	ug/l	100
70) Styrene	11.97	104	364310	18.487	ug/l	100
71) Bromoform	12.13	173	108974	19.728	ug/l #	99
73) Isopropylbenzene	12.25	105	593120	20.085	ug/l	100
74) N-amyl acetate	12.07	43	180407	19.989	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	181230	21.987	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	153344m	21.671	ug/l	
77) Bromobenzene	12.53	156	161722	19.760	ug/l	99
78) n-propylbenzene	12.59	91	672379	20.371	ug/l	99
79) 2-Chlorotoluene	12.68	91	419444	20.503	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	489596	21.078	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	44903	20.128	ug/l	96
82) 4-Chlorotoluene	12.77	91	415815	20.525	ug/l	100
83) tert-Butylbenzene	12.99	119	415985	20.522	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	495707	21.173	ug/l	99
85) sec-Butylbenzene	13.17	105	547780	20.225	ug/l	99
86) p-Isopropyltoluene	13.29	119	461469	20.220	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	268349	19.341	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	262658	19.423	ug/l	99
89) n-Butylbenzene	13.62	91	354912	18.912	ug/l	98
90) Hexachloroethane	13.88	117	93150	18.382	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	273083	19.690	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27415	20.355	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
Data File : VN050213.D
Acq On : 31 Jul 2018 14:27
Operator : MD\SY
Sample : VN0731WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBSD02

Manual Integrations
APPROVED

MMDadoda
8/1/2018 11:14:14 AM

Quant Time: Jul 31 18:31:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	107547	16.805	ug/l	96
94) Hexachlorobutadiene	15.01	225	78597	18.511	ug/l	100
95) Naphthalene	15.14	128	234114	16.690	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	117525	17.887	ug/l	99

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

