

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110718\
 Data File : VN052206.D
 Acq On : 7 Nov 2018 14:45
 Operator : MD\SY
 Sample : VN1107WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/8/2018 9:14:03 AM

Quant Time: Nov 07 15:10:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:32:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	352752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	616228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	551188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	246265	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	217776	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
35) Dibromofluoromethane	7.59	113	195136	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
50) Toluene-d8	10.09	98	741468	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.40	95	243807	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	62565	20.340	ug/l	100
3) Chloromethane	2.06	50	83551	20.124	ug/l	96
4) Vinyl Chloride	2.19	62	81250	20.433	ug/l	99
5) Bromomethane	2.58	94	59531	20.025	ug/l	97
6) Chloroethane	2.71	64	50842	19.996	ug/l	99
7) Trichlorofluoromethane	3.02	101	115486	19.993	ug/l	97
8) Diethyl Ether	3.41	74	39140	19.395	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.76	101	71461	20.703	ug/l	99
10) Methyl Iodide	3.96	142	95546	19.606	ug/l	98
11) Tert butyl alcohol	4.77	59	21811	119.948	ug/l #	79
12) 1,1-Dichloroethene	3.74	96	64092	19.723	ug/l	92
13) Acrolein	3.61	56	13916	98.346	ug/l	94
14) Allyl chloride	4.33	41	104497	19.267	ug/l	94
15) Acrylonitrile	4.99	53	122640	103.022	ug/l	97
16) Acetone	3.81	43	86657	91.441	ug/l	100
17) Carbon Disulfide	4.06	76	177536	19.145	ug/l	98
18) Methyl Acetate	4.33	43	61477	20.414	ug/l	93
19) Methyl tert-butyl Ether	5.05	73	182026	20.353	ug/l	97
20) Methylene Chloride	4.56	84	77653	19.720	ug/l	93
21) trans-1,2-Dichloroethene	5.05	96	73086	20.286	ug/l	94
22) Diisopropyl ether	5.95	45	253150	21.277	ug/l	99
23) Vinyl Acetate	5.90	43	830635	105.618	ug/l	100
24) 1,1-Dichloroethane	5.86	63	140267	20.750	ug/l	98
25) 2-Butanone	6.83	43	144444	98.294	ug/l	99
26) 2,2-Dichloropropane	6.82	77	97056	18.346	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	82750	20.185	ug/l	98
28) Bromochloromethane	7.20	49	73955	23.124	ug/l	96
29) Tetrahydrofuran	7.21	42	94412	103.838	ug/l	99
30) Chloroform	7.37	83	144175	21.404	ug/l	100
31) Cyclohexane	7.66	56	133212	20.128	ug/l #	94
32) 1,1,1-Trichloroethane	7.57	97	122591	20.659	ug/l	98
36) 1,1-Dichloropropene	7.79	75	108971	19.990	ug/l	99
37) Ethyl Acetate	6.93	43	65435	19.447	ug/l #	93
38) Carbon Tetrachloride	7.77	117	104555	19.184	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110718\
 Data File : VN052206.D
 Acq On : 7 Nov 2018 14:45
 Operator : MD\SY
 Sample : VN1107WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1107WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/8/2018 9:14:03 AM

Quant Time: Nov 07 15:10:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:32:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	129459	20.052	ug/l	99
40) Benzene	8.04	78	322738	20.139	ug/l	99
41) Methacrylonitrile	7.17	41	34881	19.402	ug/l	95
42) 1,2-Dichloroethane	8.12	62	101830	19.767	ug/l	99
43) Isopropyl Acetate	8.16	43	121342	19.508	ug/l	97
44) Trichloroethene	8.83	130	81715	19.260	ug/l	88
45) 1,2-Dichloropropane	9.12	63	88606	20.878	ug/l	95
46) Dibromomethane	9.21	93	53881	19.963	ug/l	97
47) Bromodichloromethane	9.40	83	104641	19.879	ug/l	92
48) Methyl methacrylate	9.20	41	60730	20.286	ug/l	97
49) 1,4-Dioxane	9.20	88	12616	487.903	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	338884	103.128	ug/l	100
52) Toluene	10.16	92	201619	20.864	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	100087	19.382	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	122347	20.247	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	69849	20.501	ug/l	95
56) Ethyl methacrylate	10.43	69	90370	20.349	ug/l	99
57) 1,3-Dichloropropane	10.71	76	122720	20.446	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	256441	107.296	ug/l	97
59) 2-Hexanone	10.75	43	222112	97.098	ug/l	99
60) Dibromochloromethane	10.90	129	74940	19.341	ug/l	100
61) 1,2-Dibromoethane	11.00	107	70037	20.250	ug/l	98
64) Tetrachloroethene	10.63	164	76134	21.321	ug/l	98
65) Chlorobenzene	11.43	112	225982	20.115	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	78803	20.887	ug/l	99
67) Ethyl Benzene	11.51	91	385825	20.677	ug/l	99
68) m/p-Xylenes	11.62	106	299254	41.563	ug/l	100
69) o-Xylene	11.95	106	144025	20.626	ug/l	100
70) Styrene	11.96	104	228194	20.644	ug/l	99
71) Bromoform	12.12	173	42792	18.854	ug/l #	99
73) Isopropylbenzene	12.25	105	386043	20.733	ug/l	99
74) N-amyl acetate	12.07	43	111807	20.235	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	85098	20.879	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	61728m	15.928	ug/l	
77) Bromobenzene	12.53	156	87951	19.808	ug/l	94
78) n-propylbenzene	12.59	91	439640	20.660	ug/l	98
79) 2-Chlorotoluene	12.67	91	250207	20.051	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	310176	20.580	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	19305	17.836	ug/l	92
82) 4-Chlorotoluene	12.77	91	258558	20.615	ug/l	99
83) tert-Butylbenzene	12.99	119	275766	20.721	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	314418	20.957	ug/l	98
85) sec-Butylbenzene	13.17	105	373098	20.733	ug/l	100
86) p-Isopropyltoluene	13.29	119	317276	20.947	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	156293	19.919	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	157284	20.054	ug/l	98
89) n-Butylbenzene	13.61	91	265689	20.258	ug/l	98
90) Hexachloroethane	13.87	117	51169	20.045	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	149447	20.295	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	10844	20.155	ug/l	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110718\
Data File : VN052206.D
Acq On : 7 Nov 2018 14:45
Operator : MD\SY
Sample : VN1107WBS02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBS02

Manual Integrations
APPROVED

MMDadoda
11/8/2018 9:14:03 AM

Quant Time: Nov 07 15:10:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 05 22:32:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	62114	19.322	ug/l	96
94) Hexachlorobutadiene	15.01	225	35399	20.253	ug/l	95
95) Naphthalene	15.13	128	136483	18.098	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	56717	20.038	ug/l	98

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

