

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051083.D
 Acq On : 10 Sep 2018 17:23
 Operator : MD\SY
 Sample : VN0910WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2018 9:41:04 AM

Quant Time: Sep 11 04:11:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	651429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	939897	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	844669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	398860	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	369257	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
35) Dibromofluoromethane	7.59	113	359361	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	10.09	98	1343711	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.40	95	429959	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	116298	18.51	ug/l	100
3) Chloromethane	2.06	50	158435	19.20	ug/l	99
4) Vinyl Chloride	2.18	62	161532	18.73	ug/l	99
5) Bromomethane	2.56	94	93220	18.54	ug/l	99
6) Chloroethane	2.70	64	96796	18.19	ug/l	99
7) Trichlorofluoromethane	3.01	101	220131	19.27	ug/l	97
8) Diethyl Ether	3.41	74	81189	19.32	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	138425	18.79	ug/l	99
10) Methyl Iodide	3.95	142	113965	20.31	ug/l	100
11) Tert butyl alcohol	4.79	59	53457	96.54	ug/l	98
12) 1,1-Dichloroethene	3.73	96	129523	18.64	ug/l	99
13) Acrolein	3.61	56	68610	115.94	ug/l	97
14) Allyl chloride	4.32	41	197815	18.68	ug/l	100
15) Acrylonitrile	5.00	53	237882	96.95	ug/l	99
16) Acetone	3.82	43	163608	87.48	ug/l	100
17) Carbon Disulfide	4.05	76	384271	18.83	ug/l	99
18) Methyl Acetate	4.33	43	111150	19.15	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	360570	19.63	ug/l	100
20) Methylene Chloride	4.55	84	148730	18.57	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	138277	18.35	ug/l	98
22) Diisopropyl ether	5.95	45	425420	20.24	ug/l	98
23) Vinyl Acetate	5.90	43	1407367	98.96	ug/l	99
24) 1,1-Dichloroethane	5.85	63	258507	19.39	ug/l	100
25) 2-Butanone	6.84	43	261573	91.77	ug/l	100
26) 2,2-Dichloropropane	6.82	77	189940	17.40	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	155968	18.86	ug/l	100
28) Bromochloromethane	7.20	49	111427	18.78	ug/l	100
29) Tetrahydrofuran	7.22	42	180244	101.27	ug/l	100
30) Chloroform	7.37	83	258758	19.51	ug/l	99
31) Cyclohexane	7.66	56	230269	19.23	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	219832	19.45	ug/l	99
36) 1,1-Dichloropropene	7.79	75	195604	18.96	ug/l	99
37) Ethyl Acetate	6.93	43	121661	20.36	ug/l	98
38) Carbon Tetrachloride	7.77	117	192098	18.91	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051083.D
 Acq On : 10 Sep 2018 17:23
 Operator : MD\SY
 Sample : VN0910WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2018 9:41:04 AM

Quant Time: Sep 11 04:11:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	210186	18.46	ug/l	98
40) Benzene	8.04	78	602288	19.37	ug/l	98
41) Methacrylonitrile	7.18	41	63432	20.57	ug/l #	82
42) 1,2-Dichloroethane	8.13	62	176793	19.51	ug/l	100
43) Isopropyl Acetate	8.17	43	208180	19.74	ug/l #	89
44) Trichloroethene	8.84	130	160770	18.90	ug/l	100
45) 1,2-Dichloropropane	9.12	63	156676	19.50	ug/l	99
46) Dibromomethane	9.21	93	93261	19.02	ug/l	99
47) Bromodichloromethane	9.40	83	191874	19.25	ug/l	100
48) Methyl methacrylate	9.20	41	102574	19.96	ug/l	97
49) 1,4-Dioxane	9.20	88	32342	401.33	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	597244	102.41	ug/l	100
52) Toluene	10.16	92	372305	19.64	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	185572	18.60	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	219848	18.79	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	135634	19.69	ug/l	97
56) Ethyl methacrylate	10.43	69	162595	19.18	ug/l	99
57) 1,3-Dichloropropane	10.71	76	222579	19.49	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	338972	97.15	ug/l	99
59) 2-Hexanone	10.75	43	376832	95.28	ug/l	99
60) Dibromochloromethane	10.90	129	149086	19.20	ug/l	99
61) 1,2-Dibromoethane	11.01	107	130349	19.36	ug/l	100
64) Tetrachloroethene	10.63	164	145995	18.94	ug/l	99
65) Chlorobenzene	11.43	112	404287	18.99	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	147458	19.24	ug/l	99
67) Ethyl Benzene	11.51	91	653554	18.95	ug/l	99
68) m/p-Xylenes	11.62	106	520790	39.31	ug/l	100
69) o-Xylene	11.95	106	245753	19.16	ug/l	97
70) Styrene	11.96	104	389842	19.59	ug/l	99
71) Bromoform	12.13	173	104767	19.41	ug/l #	99
73) Isopropylbenzene	12.25	105	655961	19.61	ug/l	100
74) N-amyl acetate	12.07	43	160655	19.08	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	171819	21.48	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	133051m	20.64	ug/l	
77) Bromobenzene	12.53	156	170635	18.99	ug/l	99
78) n-propylbenzene	12.59	91	716729	19.49	ug/l	99
79) 2-Chlorotoluene	12.67	91	440409	19.16	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	535749	19.81	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	40705	19.38	ug/l	99
82) 4-Chlorotoluene	12.77	91	430749	18.88	ug/l	99
83) tert-Butylbenzene	12.99	119	457430	19.16	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	533528	20.06	ug/l	100
85) sec-Butylbenzene	13.17	105	600289	19.61	ug/l	99
86) p-Isopropyltoluene	13.29	119	512909	19.76	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	282207	18.51	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	271794	19.43	ug/l	99
89) n-Butylbenzene	13.62	91	362333	17.93	ug/l	100
90) Hexachloroethane	13.87	117	94671	19.65	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	279586	18.82	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23612	21.05	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
Data File : VN051083.D
Acq On : 10 Sep 2018 17:23
Operator : MD\SY
Sample : VN0910WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBSD01

Manual Integrations
APPROVED

MMDadoda
9/11/2018 9:41:04 AM

Quant Time: Sep 11 04:11:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	105754	17.54	ug/l	99
94) Hexachlorobutadiene	15.01	225	89209	19.54	ug/l	98
95) Naphthalene	15.13	128	212455	17.99	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	114097	18.61	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
Data File : VN051083.D
Acq On : 10 Sep 2018 17:23
Operator : MD\SY
Sample : VN0910WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample Id :
VN0910WBSD01

Manual Integrations
APPROVED

MMDadoda
9/11/2018 9:41:04 AM

Quant Time: Sep 11 04:11:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

