

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
 Data File : VN056338.D
 Acq On : 17 Jun 2019 14:23
 Operator : JC/SP
 Sample : VN0617WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Quant Time: Jun 18 05:13:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	363796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	554619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	491436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	181434	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	205118	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	7.59	113	178014	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	10.09	98	686974	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.40	95	218517	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	66386	20.756	ug/l 98
3) Chloromethane	2.06	50	86945	20.273	ug/l 100
4) Vinyl Chloride	2.18	62	87533	20.768	ug/l 98
5) Bromomethane	2.54	94	54204m	22.109	ug/l
6) Chloroethane	2.69	64	49770	20.388	ug/l 98
7) Trichlorofluoromethane	3.01	101	106393	19.765	ug/l 98
8) Diethyl Ether	3.41	74	43090	20.182	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	67142	19.286	ug/l 99
10) Methyl Iodide	3.94	142	87021	19.532	ug/l 99
11) Tert butyl alcohol	4.81	59	60731	94.351	ug/l 98
12) 1,1-Dichloroethene	3.72	96	64980	19.247	ug/l 99
13) Acrolein	3.60	56	17999	99.642	ug/l 95
14) Allyl chloride	4.31	41	106029	18.727	ug/l 98
15) Acrylonitrile	4.99	53	188711	102.582	ug/l 100
16) Acetone	3.82	43	183410	81.144	ug/l 99
17) Carbon Disulfide	4.04	76	157085	17.389	ug/l 99
18) Methyl Acetate	4.33	43	82722	19.923	ug/l 99
19) Methyl tert-butyl Ether	5.05	73	211548	20.546	ug/l 100
20) Methylene Chloride	4.54	84	79685	19.965	ug/l 98
21) trans-1,2-Dichloroethene	5.03	96	71397	19.882	ug/l 96
22) Diisopropyl ether	5.96	45	223539	20.084	ug/l 100
23) Vinyl Acetate	5.90	43	908418	100.319	ug/l 100
24) 1,1-Dichloroethane	5.84	63	131365	20.132	ug/l 99
25) 2-Butanone	6.84	43	258891	94.498	ug/l 98
26) 2,2-Dichloropropane	6.82	77	80976	17.161	ug/l 99
27) cis-1,2-Dichloroethene	6.83	96	82563	19.850	ug/l 99
28) Bromochloromethane	7.19	49	67819	20.754	ug/l 99
29) Tetrahydrofuran	7.22	42	165749	101.851	ug/l 100
30) Chloroform	7.37	83	128520	19.772	ug/l 98
31) Cyclohexane	7.65	56	125742	19.945	ug/l 99
32) 1,1,1-Trichloroethane	7.57	97	102242	18.989	ug/l 99
36) 1,1-Dichloropropene	7.79	75	97894	19.614	ug/l 98
37) Ethyl Acetate	6.94	43	101183	21.393	ug/l 99
38) Carbon Tetrachloride	7.77	117	85994	17.951	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
 Data File : VN056338.D
 Acq On : 17 Jun 2019 14:23
 Operator : JC/SP
 Sample : VN0617WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Quant Time: Jun 18 05:13:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	118276	19.428	ug/l	98
40) Benzene	8.04	78	307149	20.287	ug/l	99
41) Methacrylonitrile	7.17	41	39290	18.091	ug/l #	82
42) 1,2-Dichloroethane	8.12	62	100554	20.253	ug/l	100
43) Isopropyl Acetate	8.17	43	146537	19.368	ug/l #	91
44) Trichloroethene	8.83	130	80777	19.619	ug/l	97
45) 1,2-Dichloropropane	9.12	63	80450	20.106	ug/l	99
46) Dibromomethane	9.21	93	52326	19.679	ug/l	99
47) Bromodichloromethane	9.40	83	91130	17.939	ug/l	99
48) Methyl methacrylate	9.20	41	71941	18.846	ug/l	98
49) 1,4-Dioxane	9.21	88	31127	404.225	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	475245	98.556	ug/l	99
52) Toluene	10.16	92	187788	20.321	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	88801	17.605	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	106675	18.336	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	74753	19.683	ug/l	99
56) Ethyl methacrylate	10.43	69	106126	19.431	ug/l	99
57) 1,3-Dichloropropane	10.71	76	125959	19.690	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	163600	90.846	ug/l	98
59) 2-Hexanone	10.75	43	338967	94.782	ug/l	100
60) Dibromochloromethane	10.90	129	68741	17.257	ug/l	98
61) 1,2-Dibromoethane	11.00	107	75113	19.241	ug/l	97
64) Tetrachloroethene	10.63	164	79243	19.663	ug/l	94
65) Chlorobenzene	11.43	112	197201	19.765	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	66241	17.784	ug/l	98
67) Ethyl Benzene	11.51	91	347225	20.218	ug/l	99
68) m/p-Xylenes	11.62	106	254142	39.759	ug/l	98
69) o-Xylene	11.95	106	126145	20.020	ug/l	100
70) Styrene	11.96	104	200199	19.680	ug/l	99
71) Bromoform	12.13	173	46062	15.913	ug/l #	99
73) Isopropylbenzene	12.25	105	332039	22.534	ug/l	99
74) N-amyl acetate	12.07	43	116736	20.474	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	104535	22.679	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	83611m	21.569	ug/l	
77) Bromobenzene	12.53	156	86187	22.203	ug/l	98
78) n-propylbenzene	12.59	91	343220	21.075	ug/l	100
79) 2-Chlorotoluene	12.67	91	217074	22.202	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	272936	21.563	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	19455	15.593	ug/l #	78
82) 4-Chlorotoluene	12.77	91	199896	20.910	ug/l	99
83) tert-Butylbenzene	12.99	119	237035	22.357	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	257678	21.861	ug/l	99
85) sec-Butylbenzene	13.17	105	304696	21.331	ug/l	99
86) p-Isopropyltoluene	13.29	119	258109	21.110	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	123511	20.001	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	117488	19.799	ug/l	99
89) n-Butylbenzene	13.61	91	174994	19.143	ug/l	100
90) Hexachloroethane	13.87	117	40464	17.903	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	127605	21.102	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14421	18.395	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
Data File : VN056338.D
Acq On : 17 Jun 2019 14:23
Operator : JC/SP
Sample : VN0617WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBSD01

Quant Time: Jun 18 05:13:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:23:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	43083	17.551	ug/l	98
94) Hexachlorobutadiene	15.01	225	45549	20.559	ug/l	97
95) Naphthalene	15.13	128	121182	17.899	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	51763	18.332	ug/l	100

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

