

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090519\
 Data File : VU034247.D
 Acq On : 04 Sep 2019 11:05
 Operator : JC/SP
 Sample : VU0905WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0905WBS01

Quant Time: Sep 05 04:38:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	382611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	599419	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	577566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	310220	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	242836	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	4.86	113	208445	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	7.55	98	797142	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
62) 4-Bromofluorobenzene	10.29	95	296058	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	68355	17.764 ug/l	98
3) Chloromethane	1.32	50	88974	15.887 ug/l	100
4) Vinyl Chloride	1.40	62	91102	17.788 ug/l	99
5) Bromomethane	1.62	94	50759	16.724 ug/l	100
6) Chloroethane	1.69	64	57561	18.384 ug/l	99
7) Trichlorofluoromethane	1.88	101	113882	19.191 ug/l	96
8) Diethyl Ether	2.09	74	50339	19.829 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.27	101	72627	19.319 ug/l	97
10) Methyl Iodide	2.40	142	51170	9.595 ug/l	99
11) Tert butyl alcohol	2.81	59	101606	89.873 ug/l	99
12) 1,1-Dichloroethene	2.27	96	72347	18.888 ug/l	97
13) Acrolein	2.18	56	23835	50.116 ug/l	98
14) Allyl chloride	2.58	41	135437m	18.806 ug/l	
15) Acrylonitrile	2.92	53	258372	99.593 ug/l	100
16) Acetone	2.31	43	240827	96.273 ug/l	99
17) Carbon Disulfide	2.46	76	193838	15.990 ug/l	100
18) Methyl Acetate	2.60	43	125009	19.338 ug/l	99
19) Methyl tert-butyl Ether	2.98	73	250549	19.964 ug/l	100
20) Methylene Chloride	2.68	84	90142	19.035 ug/l	98
21) trans-1,2-Dichloroethene	2.97	96	78342	18.846 ug/l	97
22) Diisopropyl ether	3.55	45	266624	20.204 ug/l	92
23) Vinyl Acetate	3.50	43	1098989	96.946 ug/l	100
24) 1,1-Dichloroethane	3.43	63	153930	19.757 ug/l	99
25) 2-Butanone	4.24	43	348067	100.012 ug/l	98
26) 2,2-Dichloropropane	4.20	77	121862	19.222 ug/l	99
27) cis-1,2-Dichloroethene	4.20	96	91324	19.573 ug/l	97
28) Bromochloromethane	4.52	49	81608	21.261 ug/l	99
29) Tetrahydrofuran	4.62	42	216575	100.908 ug/l	99
30) Chloroform	4.65	83	152902	19.670 ug/l	97
31) Cyclohexane	4.97	56	130251	17.792 ug/l	97
32) 1,1,1-Trichloroethane	4.89	97	125528	19.717 ug/l	98
36) 1,1-Dichloropropene	5.12	75	104042	18.350 ug/l	99
37) Ethyl Acetate	4.36	43	120814	19.029 ug/l	99
38) Carbon Tetrachloride	5.11	117	106086	19.384 ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090519\
 Data File : VU034247.D
 Acq On : 04 Sep 2019 11:05
 Operator : JC/SP
 Sample : VU0905WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0905WBS01

Quant Time: Sep 05 04:38:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	119072	17.818	ug/l	96
40) Benzene	5.37	78	332378	19.376	ug/l	99
41) Methacrylonitrile	4.52	41	64316	19.752	ug/l	98
42) 1,2-Dichloroethane	5.39	62	113443	19.151	ug/l	97
43) Isopropyl Acetate	5.53	43	185572	19.212	ug/l	99
44) Trichloroethene	6.17	130	90019	19.984	ug/l	98
45) 1,2-Dichloropropane	6.41	63	94145	19.937	ug/l	98
46) Dibromomethane	6.54	93	59949	19.705	ug/l	99
47) Bromodichloromethane	6.74	83	120076	20.174	ug/l	100
48) Methyl methacrylate	6.60	41	87858	18.849	ug/l	98
49) 1,4-Dioxane	6.59	88	41581	356.046	ug/l	98
51) 4-Methyl-2-Pentanone	7.44	43	641597	96.181	ug/l	99
52) Toluene	7.62	92	211711	20.035	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	123794	18.744	ug/l	100
54) cis-1,3-Dichloropropene	7.25	75	141567	19.620	ug/l	96
55) 1,1,2-Trichloroethane	8.05	97	88871	19.882	ug/l	98
56) Ethyl methacrylate	8.00	69	124244	17.403	ug/l	98
57) 1,3-Dichloropropane	8.22	76	145997	19.237	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	200217	80.966	ug/l	100
59) 2-Hexanone	8.34	43	485323	96.375	ug/l	99
60) Dibromochloromethane	8.46	129	94166	19.626	ug/l	99
61) 1,2-Dibromoethane	8.57	107	90325	19.183	ug/l	100
64) Tetrachloroethene	8.21	164	80590	20.777	ug/l	98
65) Chlorobenzene	9.10	112	229710	19.327	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.19	131	83214	19.308	ug/l	99
67) Ethyl Benzene	9.23	91	381535	18.937	ug/l	99
68) m/p-Xylenes	9.36	106	295991	38.636	ug/l	100
69) o-Xylene	9.76	106	140278	19.086	ug/l	99
70) Styrene	9.77	104	247298	19.623	ug/l	100
71) Bromoform	9.94	173	72360	19.324	ug/l #	98
73) Isopropylbenzene	10.15	105	385821	18.516	ug/l	100
74) N-amyl acetate	10.00	43	156081	17.809	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	149584	18.756	ug/l	99
76) 1,2,3-Trichloropropane	10.48	75	129311m	18.495	ug/l	
77) Bromobenzene	10.43	156	104211	18.592	ug/l	99
78) n-propylbenzene	10.57	91	447446	18.438	ug/l	99
79) 2-Chlorotoluene	10.64	91	266860	18.334	ug/l	98
80) 1,3,5-Trimethylbenzene	10.75	105	334669	18.950	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	34070m	16.408	ug/l	
82) 4-Chlorotoluene	10.75	91	314249	18.773	ug/l	100
83) tert-Butylbenzene	11.08	119	314688	18.100	ug/l	100
84) 1,2,4-Trimethylbenzene	11.13	105	330021	18.819	ug/l	99
85) sec-Butylbenzene	11.30	105	383584	18.408	ug/l	99
86) p-Isopropyltoluene	11.46	119	352068	18.681	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	186392	18.783	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	189030	18.836	ug/l	98
89) n-Butylbenzene	11.87	91	303717	18.279	ug/l	100
90) Hexachloroethane	12.12	117	52598	16.142	ug/l	99
91) 1,2-Dichlorobenzene	11.86	146	182805	19.231	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	28383	17.864	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090519\
Data File : VU034247.D
Acq On : 04 Sep 2019 11:05
Operator : JC/SP
Sample : VU0905WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0905WBS01

Quant Time: Sep 05 04:38:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	115794	17.858	ug/l	98
94) Hexachlorobutadiene	13.67	225	61540	16.549	ug/l	97
95) Naphthalene	13.73	128	309555	17.204	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	116846	19.189	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090519\
 Data File : VU034247.D
 Acq On : 04 Sep 2019 11:05
 Operator : JC/SP
 Sample : VU0905WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0905WBS01

Quant Time: Sep 05 04:38:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

