

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090319\
 Data File : VU034191.D
 Acq On : 02 Sep 2019 10:56
 Operator : JC/SP
 Sample : VU0903WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0903WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 1:09:33 PM

Quant Time: Sep 03 06:55:15 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	363958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	577117	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	558520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	302682	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	246345	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
35) Dibromofluoromethane	4.86	113	204163	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
50) Toluene-d8	7.55	98	763881	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
62) 4-Bromofluorobenzene	10.29	95	290212	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66712	18.225	ug/l	98
3) Chloromethane	1.32	50	88158	16.639	ug/l	99
4) Vinyl Chloride	1.40	62	87423	17.945	ug/l	99
5) Bromomethane	1.62	94	52189	18.608	ug/l	99
6) Chloroethane	1.69	64	55367	18.589	ug/l	100
7) Trichlorofluoromethane	1.88	101	107756	19.089	ug/l	99
8) Diethyl Ether	2.09	74	50033	20.719	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.28	101	69419	19.412	ug/l	98
10) Methyl Iodide	2.40	142	48829	9.626	ug/l	99
11) Tert butyl alcohol	2.81	59	103054	95.825	ug/l	100
12) 1,1-Dichloroethene	2.27	96	69084	18.960	ug/l	98
13) Acrolein	2.18	56	24896	55.030	ug/l	98
14) Allyl chloride	2.58	41	134843m	19.683	ug/l	
15) Acrylonitrile	2.92	53	265973	107.778	ug/l	99
16) Acetone	2.31	43	248499	104.431	ug/l	100
17) Carbon Disulfide	2.47	76	194085	16.830	ug/l	98
18) Methyl Acetate	2.60	43	127658	20.760	ug/l	98
19) Methyl tert-butyl Ether	2.98	73	253167	21.206	ug/l	99
20) Methylene Chloride	2.69	84	89223	19.806	ug/l	99
21) trans-1,2-Dichloroethene	2.97	96	75813	19.172	ug/l	97
22) Diisopropyl ether	3.55	45	268815	21.414	ug/l	95
23) Vinyl Acetate	3.50	43	1128565	104.657	ug/l	100
24) 1,1-Dichloroethane	3.43	63	152197	20.536	ug/l	99
25) 2-Butanone	4.24	43	354522	107.088	ug/l	99
26) 2,2-Dichloropropane	4.20	77	117470	19.479	ug/l	100
27) cis-1,2-Dichloroethene	4.21	96	89202	20.098	ug/l	97
28) Bromochloromethane	4.52	49	77879	21.329	ug/l	100
29) Tetrahydrofuran	4.62	42	221646	108.563	ug/l	99
30) Chloroform	4.65	83	148923	20.140	ug/l	97
31) Cyclohexane	4.97	56	124285	17.847	ug/l	97
32) 1,1,1-Trichloroethane	4.89	97	119006	19.651	ug/l	99
36) 1,1-Dichloropropene	5.12	75	101653	18.622	ug/l	99
37) Ethyl Acetate	4.36	43	125286	20.495	ug/l	99
38) Carbon Tetrachloride	5.11	117	100858	19.141	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090319\
 Data File : VU034191.D
 Acq On : 02 Sep 2019 10:56
 Operator : JC/SP
 Sample : VU0903WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0903WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 1:09:33 PM

Quant Time: Sep 03 06:55:15 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	112261	17.448	ug/l	97
40) Benzene	5.37	78	323762	19.603	ug/l	99
41) Methacrylonitrile	4.52	41	67340	21.480	ug/l	99
42) 1,2-Dichloroethane	5.38	62	117025	20.519	ug/l	99
43) Isopropyl Acetate	5.53	43	191561	20.598	ug/l	99
44) Trichloroethene	6.17	130	86030	19.836	ug/l	99
45) 1,2-Dichloropropane	6.41	63	93124	20.483	ug/l	100
46) Dibromomethane	6.54	93	61367	20.951	ug/l	98
47) Bromodichloromethane	6.74	83	116117	20.262	ug/l	98
48) Methyl methacrylate	6.60	41	88365	19.691	ug/l	96
49) 1,4-Dioxane	6.59	88	39858	354.481	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	662066	103.085	ug/l	100
52) Toluene	7.62	92	205149	20.164	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	125792	19.783	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	140117	20.170	ug/l	97
55) 1,1,2-Trichloroethane	8.05	97	88097	20.471	ug/l	98
56) Ethyl methacrylate	8.00	69	124433	18.064	ug/l	98
57) 1,3-Dichloropropane	8.22	76	148452	20.316	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.11	63	233977	98.275	ug/l	100
59) 2-Hexanone	8.34	43	505361	104.232	ug/l	98
60) Dibromochloromethane	8.46	129	95009	20.567	ug/l	97
61) 1,2-Dibromoethane	8.57	107	90517	19.967	ug/l	99
64) Tetrachloroethene	8.21	164	74667	19.907	ug/l	99
65) Chlorobenzene	9.10	112	225312	19.603	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.19	131	83076	19.933	ug/l	98
67) Ethyl Benzene	9.23	91	371273	19.056	ug/l	99
68) m/p-Xylenes	9.36	106	285709	38.566	ug/l	99
69) o-Xylene	9.76	106	137057	19.283	ug/l	98
70) Styrene	9.77	104	244795	20.087	ug/l	100
71) Bromoform	9.94	173	70698	19.524	ug/l #	99
73) Isopropylbenzene	10.15	105	369924	18.195	ug/l	100
74) N-amyl acetate	10.00	43	162146	18.962	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	151703	19.495	ug/l	100
76) 1,2,3-Trichloropropane	10.47	75	134235m	19.677	ug/l	
77) Bromobenzene	10.43	156	102507	18.743	ug/l	99
78) n-propylbenzene	10.57	91	436294	18.427	ug/l	99
79) 2-Chlorotoluene	10.64	91	263275	18.538	ug/l	99
80) 1,3,5-Trimethylbenzene	10.75	105	325154	18.869	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	33883m	16.724	ug/l	
82) 4-Chlorotoluene	10.75	91	301486	18.459	ug/l	99
83) tert-Butylbenzene	11.08	119	303801	17.909	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	324190	18.946	ug/l	99
85) sec-Butylbenzene	11.30	105	366125	18.008	ug/l	100
86) p-Isopropyltoluene	11.46	119	340513	18.518	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	183641	18.967	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	185071	18.900	ug/l	98
89) n-Butylbenzene	11.87	91	296010	18.259	ug/l	99
90) Hexachloroethane	12.12	117	51514	16.203	ug/l	100
91) 1,2-Dichlorobenzene	11.86	146	181029	19.518	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	29643	19.121	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090319\
Data File : VU034191.D
Acq On : 02 Sep 2019 10:56
Operator : JC/SP
Sample : VU0903WBSD01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0903WBSD01

Manual Integrations
APPROVED

MMDadoda
9/3/2019 1:09:33 PM

Quant Time: Sep 03 06:55:15 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	112921	17.849	ug/l	99
94) Hexachlorobutadiene	13.67	225	56834	15.664	ug/l	99
95) Naphthalene	13.72	128	317625	18.000	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	113325	19.074	ug/l	98

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

