

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070918\
 Data File : VU025278.D
 Acq On : 09 Jul 2018 17:01
 Operator : MD/SY
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 2:33:50 PM

Quant Time: Jul 10 09:31:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 01:16:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	175029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	259142	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	230070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	110544	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	2016	1.11	ug/l	97
3) Chloromethane	1.33	50	3222	1.57	ug/l	99
4) Vinyl Chloride	1.40	62	2443	1.23	ug/l	91
5) Bromomethane	1.63	94	2779	1.91	ug/l	97
6) Chloroethane	1.70	64	1796	1.29	ug/l #	86
7) Trichlorofluoromethane	1.89	101	3574	1.14	ug/l	98
8) Diethyl Ether	2.10	74	1339	1.14	ug/l #	46
9) 1,1,2-Trichlorotrifluoroet	2.29	101	2187	1.13	ug/l	94
12) 1,1-Dichloroethene	2.29	96	2020	1.14	ug/l	96
14) Allyl chloride	2.60	41	3486	1.08	ug/l	98
15) Acrylonitrile	2.94	53	7189	5.89	ug/l	97
16) Acetone	2.32	43	9380	6.39	ug/l	98
17) Carbon Disulfide	2.48	76	7822	1.42	ug/l	95
18) Methyl Acetate	2.62	43	3375	1.21	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	7627	1.13	ug/l	96
20) Methylene Chloride	2.70	84	3920	1.62	ug/l	91
21) trans-1,2-Dichloroethene	2.99	96	2518	1.24	ug/l	95
22) Diisopropyl ether	3.58	45	7535	1.15	ug/l #	86
23) Vinyl Acetate	3.53	43	31040	5.38	ug/l	98
24) 1,1-Dichloroethane	3.45	63	3852	1.04	ug/l #	95
25) 2-Butanone	4.27	43	10814	5.74	ug/l	91
26) 2,2-Dichloropropane	4.23	77	4146	1.16	ug/l #	74
27) cis-1,2-Dichloroethene	4.23	96	2899	1.24	ug/l	97
28) Bromochloromethane	4.55	49	1863	1.04	ug/l #	90
29) Tetrahydrofuran	4.65	42	6722	5.95	ug/l	98
30) Chloroform	4.68	83	4329	1.10	ug/l	91
31) Cyclohexane	4.99	56	7412	1.80	ug/l #	64
32) 1,1,1-Trichloroethane	4.92	97	3964	1.11	ug/l #	51
36) 1,1-Dichloropropene	5.15	75	3216	1.12	ug/l #	79
37) Ethyl Acetate	4.39	43	3428	1.07	ug/l #	90
38) Carbon Tetrachloride	5.14	117	3157	1.02	ug/l	96
39) Methylcyclohexane	6.42	83	3925	1.09	ug/l	95
40) Benzene	5.39	78	9338	1.12	ug/l #	87
41) Methacrylonitrile	4.56	41	1925	1.08	ug/l #	72

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070918\
 Data File : VU025278.D
 Acq On : 09 Jul 2018 17:01
 Operator : MD/SY
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 2:33:50 PM

Quant Time: Jul 10 09:31:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 01:16:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 1,2-Dichloroethane	5.41	62	3588m	1.09	ug/l	
43) Isopropyl Acetate	5.55	43	5594	1.09	ug/l #	94
44) Trichloroethene	6.19	130	2965	1.24	ug/l	91
45) 1,2-Dichloropropane	6.44	63	2445	1.12	ug/l #	73
46) Dibromomethane	6.57	93	1892	1.20	ug/l	83
47) Bromodichloromethane	6.76	83	3062	1.04	ug/l	91
48) Methyl methacrylate	6.63	41	2618	1.02	ug/l	91
49) 1,4-Dioxane	6.62	88	1089	17.64	ug/l #	81
51) 4-Methyl-2-Pentanone	7.46	43	18360	5.49	ug/l	100
52) Toluene	7.64	92	5771	1.09	ug/l	99
53) t-1,3-Dichloropropene	7.89	75	3210	0.99	ug/l	93
54) cis-1,3-Dichloropropene	7.28	75	3534	1.03	ug/l	91
55) 1,1,2-Trichloroethane	8.08	97	2592	1.18	ug/l #	81
56) Ethyl methacrylate	8.02	69	3639	1.06	ug/l	97
57) 1,3-Dichloropropane	8.25	76	3897	1.07	ug/l	96
58) 2-Chloroethyl Vinyl ether	7.14	63	5749	4.74	ug/l	96
59) 2-Hexanone	8.37	43	14835	5.47	ug/l	94
60) Dibromochloromethane	8.48	129	2247	0.95	ug/l	92
61) 1,2-Dibromoethane	8.59	107	2491	1.06	ug/l	96
64) Tetrachloroethene	8.23	164	2294	1.09	ug/l	92
65) Chlorobenzene	9.12	112	6506	1.13	ug/l	95
66) 1,1,1,2-Tetrachloroethane	9.21	131	2092	1.02	ug/l #	67
67) Ethyl Benzene	9.25	91	10891	1.11	ug/l #	85
68) m/p-Xylenes	9.38	106	7747	2.05	ug/l	95
69) o-Xylene	9.78	106	4261	1.12	ug/l	97
70) Styrene	9.80	104	6231	1.03	ug/l	96
71) Bromoform	9.97	173	1750	0.98	ug/l #	85
73) Isopropylbenzene	10.17	105	10704	1.27	ug/l	96
74) N-amyl acetate	10.02	43	4834	1.32	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.46	83	3398	1.23	ug/l	96
76) 1,2,3-Trichloropropane	10.50	75	3531m	1.42	ug/l	
77) Bromobenzene	10.46	156	2667	1.23	ug/l	88
78) n-propylbenzene	10.59	91	10761	1.15	ug/l	98
79) 2-Chlorotoluene	10.67	91	7760	1.32	ug/l	93
80) 1,3,5-Trimethylbenzene	10.78	105	8312	1.17	ug/l	94
81) trans-1,4-Dichloro-2-buten	10.52	75	937m	1.03	ug/l	
82) 4-Chlorotoluene	10.78	91	8301	1.25	ug/l	97
83) tert-Butylbenzene	11.10	119	8931	1.24	ug/l	96
84) 1,2,4-Trimethylbenzene	11.16	105	8862	1.22	ug/l	98
85) sec-Butylbenzene	11.33	105	9418	1.11	ug/l	98
86) p-Isopropyltoluene	11.48	119	8289	1.11	ug/l	95
87) 1,3-Dichlorobenzene	11.43	146	4786	1.21	ug/l	96
88) 1,4-Dichlorobenzene	11.51	146	5274m	1.30	ug/l	
89) n-Butylbenzene	11.90	91	6416	1.04	ug/l	97
90) Hexachloroethane	12.15	117	1366	1.08	ug/l	89
91) 1,2-Dichlorobenzene	11.89	146	4708	1.18	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.66	75	710	1.06	ug/l	86
93) 1,2,4-Trichlorobenzene	13.51	180	3443	1.32	ug/l	97
94) Hexachlorobutadiene	13.70	225	1605	1.13	ug/l	95
95) Naphthalene	13.75	128	16621	1.85	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070918\
Data File : VU025278.D
Acq On : 09 Jul 2018 17:01
Operator : MD/SY
Sample : VSTDICC001
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

MMDadoda
7/10/2018 2:33:50 PM

Quant Time: Jul 10 09:31:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 01:16:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.00	180	4244	1.51	ug/l	96

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

