

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110518\
 Data File : VU027968.D
 Acq On : 05 Nov 2018 19:24
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/6/2018 12:07:03 PM

Quant Time: Nov 06 04:50:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	207928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	361212	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	337969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	170611	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	143009	46.26	ug/l	0.00
Spiked Amount			Recovery	=	92.52%	
35) Dibromofluoromethane	4.88	113	108463	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	
50) Toluene-d8	7.57	98	417149	47.42	ug/l	0.00
Spiked Amount			Recovery	=	94.84%	
62) 4-Bromofluorobenzene	10.31	95	158483	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	108425	41.038	ug/l	98
3) Chloromethane	1.33	50	146995	46.002	ug/l	100
4) Vinyl Chloride	1.40	62	152190	47.988	ug/l	99
5) Bromomethane	1.61	94	69047	52.362	ug/l	99
6) Chloroethane	1.69	64	85884	46.992	ug/l	98
7) Trichlorofluoromethane	1.88	101	172451	47.057	ug/l	95
8) Diethyl Ether	2.11	74	77695	49.513	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	2.29	101	107801	49.517	ug/l	98
10) Methyl Iodide	2.41	142	97293	48.869	ug/l	97
11) Tert butyl alcohol	2.83	59	196638	240.274	ug/l	100
12) 1,1-Dichloroethene	2.28	96	102825	47.185	ug/l	96
13) Acrolein	2.20	56	85005	283.278	ug/l	97
14) Allyl chloride	2.59	41	237041	44.506	ug/l	99
15) Acrylonitrile	2.94	53	488662	243.079	ug/l	99
16) Acetone	2.32	43	422968	220.525	ug/l	98
17) Carbon Disulfide	2.48	76	304315	42.723	ug/l	100
18) Methyl Acetate	2.62	43	248466	47.092	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	429312	48.852	ug/l	99
20) Methylene Chloride	2.70	84	132569	47.339	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	114987	45.722	ug/l	95
22) Diisopropyl ether	3.58	45	526703	47.900	ug/l	99
23) Vinyl Acetate	3.53	43	2293121	242.656	ug/l	100
24) 1,1-Dichloroethane	3.45	63	256194	46.776	ug/l	99
25) 2-Butanone	4.26	43	728868	238.866	ug/l	98
26) 2,2-Dichloropropane	4.23	77	187730	45.674	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	141344	50.119	ug/l	97
28) Bromochloromethane	4.55	49	119907	46.699	ug/l	99
29) Tetrahydrofuran	4.64	42	464688	228.066	ug/l	97
30) Chloroform	4.67	83	236093	47.013	ug/l	97
31) Cyclohexane	5.00	56	244517	45.336	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	192589	48.177	ug/l	98
36) 1,1-Dichloropropene	5.14	75	178488	47.180	ug/l	100
37) Ethyl Acetate	4.38	43	268918	48.514	ug/l	99
38) Carbon Tetrachloride	5.13	117	153064	45.655	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110518\
 Data File : VU027968.D
 Acq On : 05 Nov 2018 19:24
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/6/2018 12:07:03 PM

Quant Time: Nov 06 04:50:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	207894	45.562	ug/l	97
40) Benzene	5.39	78	554642	47.953	ug/l	100
41) Methacrylonitrile	4.54	41	147945	50.012	ug/l	98
42) 1,2-Dichloroethane	5.40	62	190811	46.411	ug/l	99
43) Isopropyl Acetate	5.55	43	417271	48.049	ug/l	99
44) Trichloroethene	6.19	130	120618	48.514	ug/l	97
45) 1,2-Dichloropropane	6.43	63	160393	48.084	ug/l	95
46) Dibromomethane	6.56	93	94969	49.531	ug/l	97
47) Bromodichloromethane	6.76	83	181551	49.134	ug/l	98
48) Methyl methacrylate	6.62	41	210066	49.361	ug/l	99
49) 1,4-Dioxane	6.61	88	71892	1035.429	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	1400907	241.548	ug/l	99
52) Toluene	7.64	92	330174	48.556	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	213161	46.598	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	228349	50.131	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	136824	49.458	ug/l	97
56) Ethyl methacrylate	8.02	69	248010	50.836	ug/l	99
57) 1,3-Dichloropropane	8.24	76	246397	48.894	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	652418	249.694	ug/l	99
59) 2-Hexanone	8.36	43	1095133	244.140	ug/l	99
60) Dibromochloromethane	8.48	129	132702	50.691	ug/l	97
61) 1,2-Dibromoethane	8.59	107	146140	49.715	ug/l	99
64) Tetrachloroethene	8.23	164	99940	45.604	ug/l	97
65) Chlorobenzene	9.12	112	350553	49.094	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	120337	49.340	ug/l	99
67) Ethyl Benzene	9.25	91	654426	49.792	ug/l	100
68) m/p-Xylenes	9.38	106	477035	100.031	ug/l	100
69) o-Xylene	9.78	106	235198	48.842	ug/l	99
70) Styrene	9.79	104	390797	50.790	ug/l	99
71) Bromoform	9.96	173	101568	49.691	ug/l #	99
73) Isopropylbenzene	10.17	105	623303	47.159	ug/l	100
74) N-amyl acetate	10.01	43	395511	49.488	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	251590	47.191	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	208305m	44.636	ug/l	
77) Bromobenzene	10.45	156	148696	49.063	ug/l	98
78) n-propylbenzene	10.59	91	766794	48.468	ug/l	100
79) 2-Chlorotoluene	10.66	91	446306	47.064	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	521708	47.649	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	85134m	45.572	ug/l	
82) 4-Chlorotoluene	10.77	91	511684	47.529	ug/l	99
83) tert-Butylbenzene	11.10	119	502112	45.873	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	536740	48.684	ug/l	100
85) sec-Butylbenzene	11.32	105	623655	46.850	ug/l	99
86) p-Isopropyltoluene	11.48	119	538006	48.346	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	275211	49.158	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	280175	48.825	ug/l	99
89) n-Butylbenzene	11.89	91	534745	50.562	ug/l	99
90) Hexachloroethane	12.14	117	90754	45.806	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	275974	49.018	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	54517	48.529	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110518\
Data File : VU027968.D
Acq On : 05 Nov 2018 19:24
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
11/6/2018 12:07:03 PM

Quant Time: Nov 06 04:50:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	194175	49.189	ug/l	99
94) Hexachlorobutadiene	13.69	225	80643	45.068	ug/l	99
95) Naphthalene	13.74	128	697868	49.866	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	197622	52.310	ug/l	99

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

