

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092218\
 Data File : VU027011.D
 Acq On : 22 Sep 2018 10:47
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 2:14:20 PM

Quant Time: Sep 24 04:33:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	84368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	143769	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	145279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	78244	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	86106	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	4.88	113	62072	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	7.57	98	241213	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
62) 4-Bromofluorobenzene	10.31	95	86475	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	54374	49.362	ug/l	98
3) Chloromethane	1.33	50	92137	48.514	ug/l	100
4) Vinyl Chloride	1.40	62	88122	49.708	ug/l	100
5) Bromomethane	1.62	94	47205	46.759	ug/l	98
6) Chloroethane	1.69	64	56546	49.921	ug/l	99
7) Trichlorofluoromethane	1.88	101	100499	49.914	ug/l	98
8) Diethyl Ether	2.10	74	49044	50.606	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	60087	48.535	ug/l	98
10) Methyl Iodide	2.41	142	68089	44.345	ug/l	99
11) Tert butyl alcohol	2.83	59	97527	250.580	ug/l	98
12) 1,1-Dichloroethene	2.28	96	57634	49.461	ug/l	97
13) Acrolein	2.20	56	53628	255.606	ug/l	100
14) Allyl chloride	2.59	41	123653	52.320	ug/l	95
15) Acrylonitrile	2.94	53	254140	259.077	ug/l	99
16) Acetone	2.32	43	223845	248.039	ug/l	100
17) Carbon Disulfide	2.48	76	185312	48.818	ug/l	100
18) Methyl Acetate	2.61	43	125662	51.994	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	230766	53.892	ug/l	98
20) Methylene Chloride	2.70	84	72299	47.542	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	64224	51.623	ug/l	97
22) Diisopropyl ether	3.57	45	283861	56.153	ug/l	98
23) Vinyl Acetate	3.53	43	1205243	279.699	ug/l	99
24) 1,1-Dichloroethane	3.45	63	146382	52.577	ug/l	99
25) 2-Butanone	4.26	43	361624	253.413	ug/l	98
26) 2,2-Dichloropropane	4.23	77	74361	34.247	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	72411	51.538	ug/l	100
28) Bromochloromethane	4.55	49	73024	54.411	ug/l	97
29) Tetrahydrofuran	4.64	42	235438	272.735	ug/l	98
30) Chloroform	4.67	83	131010	50.693	ug/l	99
31) Cyclohexane	5.00	56	134698	53.260	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	106443	51.586	ug/l	99
36) 1,1-Dichloropropene	5.14	75	99525	51.869	ug/l	98
37) Ethyl Acetate	4.38	43	130177	50.116	ug/l	99
38) Carbon Tetrachloride	5.14	117	91963	50.364	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092218\
 Data File : VU027011.D
 Acq On : 22 Sep 2018 10:47
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 2:14:20 PM

Quant Time: Sep 24 04:33:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	113395	54.382	ug/l	100
40) Benzene	5.39	78	296954	50.909	ug/l	99
41) Methacrylonitrile	4.54	41	75508	55.973	ug/l	98
42) 1,2-Dichloroethane	5.40	62	113220	51.375	ug/l	99
43) Isopropyl Acetate	5.55	43	203487	53.717	ug/l	99
44) Trichloroethene	6.19	130	62366	50.223	ug/l	94
45) 1,2-Dichloropropane	6.43	63	86095	51.801	ug/l	99
46) Dibromomethane	6.56	93	50766	50.575	ug/l	98
47) Bromodichloromethane	6.76	83	102359	50.431	ug/l	100
48) Methyl methacrylate	6.62	41	103538	50.213	ug/l	100
49) 1,4-Dioxane	6.61	88	41565	1015.129	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	701496	275.340	ug/l	100
52) Toluene	7.64	92	179114	53.571	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	112756	51.706	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	118551	49.442	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	73014	51.537	ug/l	99
56) Ethyl methacrylate	8.02	69	123563	50.255	ug/l	99
57) 1,3-Dichloropropane	8.24	76	139658	53.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	342292	245.453	ug/l	99
59) 2-Hexanone	8.36	43	537536	269.533	ug/l	99
60) Dibromochloromethane	8.48	129	72369	52.077	ug/l	99
61) 1,2-Dibromoethane	8.59	107	75046	50.912	ug/l	100
64) Tetrachloroethene	8.23	164	55084	49.205	ug/l	98
65) Chlorobenzene	9.12	112	186531	48.423	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	65865	49.642	ug/l	99
67) Ethyl Benzene	9.25	91	337133	53.223	ug/l	100
68) m/p-Xylenes	9.38	106	253804	98.953	ug/l	100
69) o-Xylene	9.78	106	121798	54.269	ug/l	100
70) Styrene	9.79	104	202755	48.442	ug/l	100
71) Bromoform	9.96	173	52186	50.863	ug/l #	99
73) Isopropylbenzene	10.17	105	327765	55.069	ug/l	100
74) N-amyl acetate	10.02	43	189941	55.131	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	128574	46.984	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	116001m	48.801	ug/l	
77) Bromobenzene	10.45	156	74491	51.215	ug/l	97
78) n-propylbenzene	10.59	91	395952	56.223	ug/l	99
79) 2-Chlorotoluene	10.66	91	234736	53.064	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	273769	55.721	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	33224m	44.729	ug/l	
82) 4-Chlorotoluene	10.77	91	268051	54.041	ug/l	100
83) tert-Butylbenzene	11.10	119	257841	53.081	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	282548	56.509	ug/l	99
85) sec-Butylbenzene	11.32	105	329591	55.585	ug/l	100
86) p-Isopropyltoluene	11.48	119	281241	50.538	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	136734	50.519	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	139868	47.415	ug/l	99
89) n-Butylbenzene	11.89	91	262115	48.666	ug/l	100
90) Hexachloroethane	12.15	117	52988	49.142	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	138014	48.004	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	28659	51.336	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092218\
Data File : VU027011.D
Acq On : 22 Sep 2018 10:47
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/24/2018 2:14:20 PM

Quant Time: Sep 24 04:33:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	90931	54.883	ug/l	100
94) Hexachlorobutadiene	13.69	225	42731	48.744	ug/l	100
95) Naphthalene	13.74	128	328289	50.656	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	96444	54.282	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092218\
Data File : VU027011.D
Acq On : 22 Sep 2018 10:47
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleID :
VSTDCCC050EC

Manual Integrations
APPROVED

MM Dadaoda
9/24/2018 2:14:20 PM

Quant Time: Sep 24 04:33:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

