

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110218\
 Data File : VU027938.D
 Acq On : 02 Nov 2018 19:56
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/5/2018 11:29:25 AM

Quant Time: Nov 03 06:05:50 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	183149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	313271	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	294889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	146322	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	134483	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
35) Dibromofluoromethane	4.88	113	101492	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	7.57	98	388623	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
62) 4-Bromofluorobenzene	10.31	95	144767	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	114763	49.313	ug/l	98
3) Chloromethane	1.33	50	138392	49.170	ug/l	99
4) Vinyl Chloride	1.40	62	133970	47.958	ug/l	99
5) Bromomethane	1.61	94	54519	47.771	ug/l	97
6) Chloroethane	1.69	64	77947	48.420	ug/l	97
7) Trichlorofluoromethane	1.88	101	155682	48.228	ug/l	98
8) Diethyl Ether	2.11	74	65662	47.506	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.28	101	92916	48.454	ug/l	100
10) Methyl Iodide	2.41	142	80239	46.250	ug/l	97
11) Tert butyl alcohol	2.84	59	178192	247.193	ug/l	99
12) 1,1-Dichloroethene	2.28	96	91198	47.512	ug/l	98
13) Acrolein	2.20	56	54528	204.401	ug/l	98
14) Allyl chloride	2.59	41	219951	46.884	ug/l	98
15) Acrylonitrile	2.94	53	447730	252.850	ug/l	99
16) Acetone	2.32	43	388147	229.750	ug/l	99
17) Carbon Disulfide	2.48	76	289439	46.133	ug/l	99
18) Methyl Acetate	2.62	43	222100	47.790	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	379943	49.083	ug/l	99
20) Methylene Chloride	2.70	84	118052	47.859	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	102641	46.335	ug/l	98
22) Diisopropyl ether	3.58	45	473871	48.926	ug/l	99
23) Vinyl Acetate	3.53	43	2080238	249.911	ug/l	100
24) 1,1-Dichloroethane	3.45	63	226811	47.014	ug/l	100
25) 2-Butanone	4.27	43	668249	248.630	ug/l	100
26) 2,2-Dichloropropane	4.23	77	162319	44.835	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	121539	48.927	ug/l	99
28) Bromochloromethane	4.55	49	112565	49.771	ug/l	98
29) Tetrahydrofuran	4.64	42	442699	246.670	ug/l	99
30) Chloroform	4.67	83	208036	47.031	ug/l	99
31) Cyclohexane	5.00	56	222222	46.833	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	173419	49.251	ug/l	100
36) 1,1-Dichloropropene	5.14	75	160447	48.902	ug/l	98
37) Ethyl Acetate	4.39	43	237230	49.347	ug/l	99
38) Carbon Tetrachloride	5.14	117	141941	48.816	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110218\
 Data File : VU027938.D
 Acq On : 02 Nov 2018 19:56
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/5/2018 11:29:25 AM

Quant Time: Nov 03 06:05:50 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	189410	47.864	ug/l	99
40) Benzene	5.39	78	488906	48.738	ug/l	98
41) Methacrylonitrile	4.55	41	132950	51.821	ug/l	98
42) 1,2-Dichloroethane	5.41	62	174465	48.929	ug/l	99
43) Isopropyl Acetate	5.55	43	375885	49.907	ug/l	100
44) Trichloroethene	6.19	130	106378	49.335	ug/l	99
45) 1,2-Dichloropropane	6.43	63	142835	49.373	ug/l	100
46) Dibromomethane	6.56	93	82635	49.694	ug/l	98
47) Bromodichloromethane	6.76	83	162203	50.616	ug/l	99
48) Methyl methacrylate	6.62	41	192954	52.279	ug/l	98
49) 1,4-Dioxane	6.61	88	64583	1072.507	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	1257886	250.079	ug/l	99
52) Toluene	7.64	92	291404	49.413	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	189450	47.724	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	205240	51.953	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	120373	50.170	ug/l	96
56) Ethyl methacrylate	8.02	69	214918	50.795	ug/l	98
57) 1,3-Dichloropropane	8.24	76	217059	49.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	589591	260.180	ug/l	100
59) 2-Hexanone	8.36	43	995728	255.950	ug/l	99
60) Dibromochloromethane	8.48	129	118262	52.089	ug/l	98
61) 1,2-Dibromoethane	8.59	107	127347	49.951	ug/l	99
64) Tetrachloroethene	8.23	164	92008	48.118	ug/l	98
65) Chlorobenzene	9.12	112	303351	48.690	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	105420	49.539	ug/l	99
67) Ethyl Benzene	9.25	91	566673	49.414	ug/l	99
68) m/p-Xylenes	9.38	106	408916	98.274	ug/l	98
69) o-Xylene	9.78	106	204034	48.560	ug/l	99
70) Styrene	9.79	104	340217	50.676	ug/l	99
71) Bromoform	9.96	173	89913	50.415	ug/l #	99
73) Isopropylbenzene	10.17	105	547639	48.312	ug/l	99
74) N-amyl acetate	10.01	43	346337	50.528	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	221585	48.462	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	187008m	46.725	ug/l	
77) Bromobenzene	10.45	156	127878	49.198	ug/l	99
78) n-propylbenzene	10.59	91	667420	49.189	ug/l	100
79) 2-Chlorotoluene	10.66	91	395472	48.626	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	458586	48.837	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	60788m	37.985	ug/l	
82) 4-Chlorotoluene	10.77	91	448834	48.611	ug/l	99
83) tert-Butylbenzene	11.10	119	444836	47.386	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	475717	50.311	ug/l	99
85) sec-Butylbenzene	11.32	105	562369	49.259	ug/l	99
86) p-Isopropyltoluene	11.48	119	479912	50.284	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	232558	48.435	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	232988	47.342	ug/l	98
89) n-Butylbenzene	11.89	91	460801	50.803	ug/l	99
90) Hexachloroethane	12.15	117	83264	49.002	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	240489	49.805	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	49677	51.561	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110218\
Data File : VU027938.D
Acq On : 02 Nov 2018 19:56
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
11/5/2018 11:29:25 AM

Quant Time: Nov 03 06:05:50 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	163038	48.171	ug/l	98
94) Hexachlorobutadiene	13.69	225	76204	49.657	ug/l	98
95) Naphthalene	13.74	128	595168	49.586	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	168991	52.156	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU110218\
 Data File : VU027938.D
 Acq On : 02 Nov 2018 19:56
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/5/2018 11:29:25 AM

Quant Time: Nov 03 06:05:50 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

