

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110618\
 Data File : VU027970.D
 Acq On : 06 Nov 2018 08:21
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/6/2018 5:42:40 PM

Quant Time: Nov 06 10:18:45 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	4.98	168	221179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	376253	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	347614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	176044	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	141535	43.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.08%	
35) Dibromofluoromethane	4.88	113	110193	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	
50) Toluene-d8	7.57	98	419427	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	
62) 4-Bromofluorobenzene	10.31	95	159649	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	111639	39.723	ug/l	99
3) Chloromethane	1.33	50	151655	44.617	ug/l	100
4) Vinyl Chloride	1.41	62	147130	43.613	ug/l	99
5) Bromomethane	1.62	94	69696	50.116	ug/l	97
6) Chloroethane	1.69	64	88384	45.463	ug/l	98
7) Trichlorofluoromethane	1.88	101	175111	44.920	ug/l	96
8) Diethyl Ether	2.11	74	79908	47.872	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	107560	46.446	ug/l	97
10) Methyl Iodide	2.41	142	97283	46.402	ug/l	98
11) Tert butyl alcohol	2.83	59	183491	210.777	ug/l	99
12) 1,1-Dichloroethene	2.29	96	100977	43.561	ug/l	98
13) Acrolein	2.20	56	97546	306.145	ug/l	99
14) Allyl chloride	2.59	41	244662	43.185	ug/l	98
15) Acrylonitrile	2.94	53	497690	232.738	ug/l	100
16) Acetone	2.32	43	500068	245.103	ug/l	100
17) Carbon Disulfide	2.48	76	321562	42.440	ug/l	99
18) Methyl Acetate	2.61	43	248916	44.351	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	437352	46.785	ug/l	99
20) Methylene Chloride	2.70	84	135607	45.523	ug/l	100
21) trans-1,2-Dichloroethene	2.98	96	118470	44.285	ug/l	98
22) Diisopropyl ether	3.57	45	530385	45.345	ug/l	99
23) Vinyl Acetate	3.52	43	2337381	232.521	ug/l	99
24) 1,1-Dichloroethane	3.45	63	261581	44.899	ug/l	99
25) 2-Butanone	4.26	43	766765	236.231	ug/l	99
26) 2,2-Dichloropropane	4.23	77	209315	47.875	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	140561	46.855	ug/l	99
28) Bromochloromethane	4.55	49	126681	46.382	ug/l	97
29) Tetrahydrofuran	4.64	42	471795	217.681	ug/l	98
30) Chloroform	4.68	83	238428	44.633	ug/l	98
31) Cyclohexane	5.00	56	252855	44.025	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	199178	46.840	ug/l	99
36) 1,1-Dichloropropene	5.14	75	182521	46.318	ug/l	99
37) Ethyl Acetate	4.38	43	263616	45.656	ug/l	99
38) Carbon Tetrachloride	5.14	117	163858	46.921	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110618\
 Data File : VU027970.D
 Acq On : 06 Nov 2018 08:21
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/6/2018 5:42:40 PM

Quant Time: Nov 06 10:18:45 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	227394	47.844	ug/l	98
40) Benzene	5.39	78	564214	46.831	ug/l	99
41) Methacrylonitrile	4.54	41	151352	49.119	ug/l	98
42) 1,2-Dichloroethane	5.40	62	195535	45.659	ug/l	99
43) Isopropyl Acetate	5.55	43	421506	46.596	ug/l	99
44) Trichloroethene	6.19	130	125565	48.485	ug/l	96
45) 1,2-Dichloropropane	6.43	63	165264	47.564	ug/l	99
46) Dibromomethane	6.56	93	96157	48.146	ug/l	98
47) Bromodichloromethane	6.76	83	185659	48.238	ug/l	97
48) Methyl methacrylate	6.62	41	213582	48.181	ug/l	98
49) 1,4-Dioxane	6.61	88	66844	924.239	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	1395696	231.029	ug/l	99
52) Toluene	7.64	92	343278	48.465	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	226374	47.486	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	243136	51.244	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	137383	47.675	ug/l	96
56) Ethyl methacrylate	8.02	69	250465	49.287	ug/l	99
57) 1,3-Dichloropropane	8.24	76	250497	47.721	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	673229	247.358	ug/l	99
59) 2-Hexanone	8.36	43	1119643	239.626	ug/l	98
60) Dibromochloromethane	8.48	129	139955	51.325	ug/l	99
61) 1,2-Dibromoethane	8.59	107	149166	48.716	ug/l	99
64) Tetrachloroethene	8.23	164	104751	46.473	ug/l	99
65) Chlorobenzene	9.12	112	356718	48.572	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	125971	50.217	ug/l	98
67) Ethyl Benzene	9.25	91	667357	49.367	ug/l	98
68) m/p-Xylenes	9.38	106	484793	98.838	ug/l	98
69) o-Xylene	9.78	106	241176	48.693	ug/l	99
70) Styrene	9.79	104	401365	50.716	ug/l	99
71) Bromoform	9.96	173	109012	51.853	ug/l #	98
73) Isopropylbenzene	10.17	105	647441	47.473	ug/l	99
74) N-amyl acetate	10.01	43	391284	47.448	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	249838	45.416	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	261345m	54.274	ug/l	
77) Bromobenzene	10.45	156	151062	48.306	ug/l	100
78) n-propylbenzene	10.59	91	803686	49.232	ug/l	100
79) 2-Chlorotoluene	10.66	91	459292	46.938	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	544382	48.186	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	104376m	54.098	ug/l	
82) 4-Chlorotoluene	10.77	91	538341	48.461	ug/l	99
83) tert-Butylbenzene	11.10	119	533174	47.207	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	553976	48.696	ug/l	100
85) sec-Butylbenzene	11.32	105	685795	49.928	ug/l	100
86) p-Isopropyltoluene	11.48	119	577313	50.277	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	283468	49.070	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	287565	48.567	ug/l	99
89) n-Butylbenzene	11.89	91	583554	53.474	ug/l	100
90) Hexachloroethane	12.15	117	100280	49.052	ug/l	95
91) 1,2-Dichlorobenzene	11.88	146	284927	49.046	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	56998	49.172	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU110618\
Data File : VU027970.D
Acq On : 06 Nov 2018 08:21
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
11/6/2018 5:42:40 PM

Quant Time: Nov 06 10:18:45 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	205189	50.358	ug/l	99
94) Hexachlorobutadiene	13.69	225	96781	52.418	ug/l	99
95) Naphthalene	13.74	128	700022	48.471	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	206202	52.896	ug/l	99

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

