

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112818\
 Data File : VU028371.D
 Acq On : 28 Nov 2018 17:20
 Operator : MD/SY
 Sample : VU1128WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1128WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/29/2018 1:23:22 PM

Quant Time: Nov 29 06:51:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	246408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	439994	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	401253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	180076	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	204902	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
35) Dibromofluoromethane	4.88	113	143752	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	7.57	98	569292	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	10.31	95	202609	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	64272	19.444	ug/l	98
3) Chloromethane	1.33	50	120716	18.841	ug/l	100
4) Vinyl Chloride	1.40	62	88035	19.638	ug/l	99
5) Bromomethane	1.61	94	28178	16.252	ug/l	98
6) Chloroethane	1.69	64	50573	19.606	ug/l	96
7) Trichlorofluoromethane	1.88	101	91443	19.638	ug/l	99
8) Diethyl Ether	2.10	74	40335	18.634	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.28	101	54052	19.927	ug/l	97
10) Methyl Iodide	2.41	142	56238	21.986	ug/l	98
11) Tert butyl alcohol	2.83	59	89209	95.354	ug/l	99
12) 1,1-Dichloroethene	2.28	96	52686	20.014	ug/l	93
13) Acrolein	2.19	56	74708	89.823	ug/l	97
14) Allyl chloride	2.59	41	127169	18.490	ug/l	98
15) Acrylonitrile	2.94	53	251316	101.553	ug/l	100
16) Acetone	2.32	43	212400	84.314	ug/l	97
17) Carbon Disulfide	2.48	76	183076	18.119	ug/l	99
18) Methyl Acetate	2.61	43	139744	19.924	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	213443	19.778	ug/l	97
20) Methylene Chloride	2.70	84	67608	18.982	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	59604	19.524	ug/l	96
22) Diisopropyl ether	3.57	45	265405	19.601	ug/l	98
23) Vinyl Acetate	3.52	43	1095572	97.340	ug/l	100
24) 1,1-Dichloroethane	3.45	63	135386	20.280	ug/l	98
25) 2-Butanone	4.26	43	341265	94.525	ug/l	99
26) 2,2-Dichloropropane	4.23	77	97581	18.405	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	69014	19.115	ug/l	99
28) Bromochloromethane	4.55	49	70888	21.236	ug/l	98
29) Tetrahydrofuran	4.64	42	238146	101.595	ug/l	100
30) Chloroform	4.67	83	117874	19.129	ug/l	99
31) Cyclohexane	5.00	56	134716	19.422	ug/l	100
32) 1,1,1-Trichloroethane	4.92	97	96321	19.480	ug/l	98
36) 1,1-Dichloropropene	5.13	75	91413	18.986	ug/l	98
37) Ethyl Acetate	4.38	43	130902	19.950	ug/l	100
38) Carbon Tetrachloride	5.13	117	74790	18.916	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112818\
 Data File : VU028371.D
 Acq On : 28 Nov 2018 17:20
 Operator : MD/SY
 Sample : VU1128WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1128WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/29/2018 1:23:22 PM

Quant Time: Nov 29 06:51:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	106694	18.795	ug/l	99
40) Benzene	5.39	78	279241	19.582	ug/l	99
41) Methacrylonitrile	4.55	41	73330	20.124	ug/l	96
42) 1,2-Dichloroethane	5.40	62	100458	19.555	ug/l	100
43) Isopropyl Acetate	5.55	43	209966	20.194	ug/l	100
44) Trichloroethene	6.19	130	58331	19.083	ug/l	100
45) 1,2-Dichloropropane	6.43	63	80377	19.247	ug/l	100
46) Dibromomethane	6.56	93	44725	18.645	ug/l	96
47) Bromodichloromethane	6.76	83	91197	19.114	ug/l	100
48) Methyl methacrylate	6.62	41	105175	19.419	ug/l	98
49) 1,4-Dioxane	6.61	88	34854	402.824	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	655708	98.739	ug/l	98
52) Toluene	7.64	92	160279	19.518	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	105607	18.511	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	116081	18.992	ug/l	97
55) 1,1,2-Trichloroethane	8.06	97	65609	19.197	ug/l	98
56) Ethyl methacrylate	8.02	69	111550	19.186	ug/l	97
57) 1,3-Dichloropropane	8.24	76	120101	19.163	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.12	63	298469	95.617	ug/l	100
59) 2-Hexanone	8.36	43	499715	97.145	ug/l	100
60) Dibromochloromethane	8.48	129	60782	18.700	ug/l	98
61) 1,2-Dibromoethane	8.58	107	67940	19.410	ug/l	99
64) Tetrachloroethene	8.22	164	50600	19.171	ug/l	92
65) Chlorobenzene	9.12	112	161747	19.413	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	54044	18.924	ug/l	98
67) Ethyl Benzene	9.25	91	302979	19.308	ug/l	100
68) m/p-Xylenes	9.38	106	217323	38.477	ug/l	100
69) o-Xylene	9.78	106	108676	19.355	ug/l	99
70) Styrene	9.79	104	172435	19.042	ug/l	99
71) Bromoform	9.96	173	43837	18.262	ug/l #	99
73) Isopropylbenzene	10.17	105	288511	20.600	ug/l	99
74) N-amyl acetate	10.01	43	178153	20.302	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	117034	20.321	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	104423m	20.911	ug/l	
77) Bromobenzene	10.45	156	65313	19.791	ug/l	98
78) n-propylbenzene	10.58	91	342389	19.817	ug/l	99
79) 2-Chlorotoluene	10.66	91	208918	20.512	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	241357	20.450	ug/l	97
81) trans-1,4-Dichloro-2-buten	10.51	75	36675m	19.495	ug/l	
82) 4-Chlorotoluene	10.77	91	231036	19.688	ug/l	100
83) tert-Butylbenzene	11.10	119	226037	20.545	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	242386	20.276	ug/l	100
85) sec-Butylbenzene	11.32	105	286946	20.080	ug/l	99
86) p-Isopropyltoluene	11.48	119	233261	19.852	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	115580	19.202	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	116620	19.252	ug/l	96
89) n-Butylbenzene	11.89	91	223442	19.268	ug/l	100
90) Hexachloroethane	12.14	117	33181	18.088	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	119557	19.909	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	25329	19.772	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112818\
Data File : VU028371.D
Acq On : 28 Nov 2018 17:20
Operator : MD/SY
Sample : VU1128WBSD01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1128WBSD01

Manual Integrations
APPROVED

MMDadoda
11/29/2018 1:23:22 PM

Quant Time: Nov 29 06:51:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	72319	18.398	ug/l	99
94) Hexachlorobutadiene	13.69	225	34930	18.819	ug/l	99
95) Naphthalene	13.74	128	270132	19.648	ug/l	98
96) 1,2,3-Trichlorobenzene	13.99	180	76455	19.231	ug/l	99

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

