

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120318\
 Data File : VU028435.D
 Acq On : 03 Dec 2018 12:49
 Operator : MD/SY
 Sample : VU1203WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1203WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/4/2018 11:18:32 AM

Quant Time: Dec 04 07:17:53 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	4.99	168	290780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	520551	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	480388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	237435	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	235532	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
35) Dibromofluoromethane	4.88	113	171898	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	7.57	98	685303	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	10.30	95	252644	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	70487	18.070	ug/l	99
3) Chloromethane	1.33	50	131736	17.423	ug/l	100
4) Vinyl Chloride	1.40	62	97917	18.510	ug/l	99
5) Bromomethane	1.63	94	39127	19.123	ug/l	97
6) Chloroethane	1.70	64	56667	18.616	ug/l	94
7) Trichlorofluoromethane	1.89	101	102274	18.612	ug/l	95
8) Diethyl Ether	2.11	74	48585	19.020	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.29	101	63619	19.875	ug/l	97
10) Methyl Iodide	2.41	142	42914	14.217	ug/l	97
11) Tert butyl alcohol	2.83	59	104121	94.310	ug/l	99
12) 1,1-Dichloroethene	2.29	96	65000	20.924	ug/l	86
13) Acrolein	2.20	56	76583	78.026	ug/l	96
14) Allyl chloride	2.59	41	144603	17.817	ug/l	98
15) Acrylonitrile	2.94	53	275784	94.435	ug/l	99
16) Acetone	2.32	43	250368	84.220	ug/l	100
17) Carbon Disulfide	2.48	76	209542	17.574	ug/l	100
18) Methyl Acetate	2.62	43	156084	18.858	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	247224	19.412	ug/l	98
20) Methylene Chloride	2.70	84	82713	19.681	ug/l	92
21) trans-1,2-Dichloroethene	2.98	96	71166	19.754	ug/l	93
22) Diisopropyl ether	3.57	45	295658	18.503	ug/l	94
23) Vinyl Acetate	3.53	43	1218379	91.732	ug/l	99
24) 1,1-Dichloroethane	3.45	63	151115	19.181	ug/l	99
25) 2-Butanone	4.26	43	389822	91.498	ug/l	98
26) 2,2-Dichloropropane	4.23	77	114236	18.258	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	81653	19.164	ug/l	94
28) Bromochloromethane	4.55	49	76359	19.384	ug/l	94
29) Tetrahydrofuran	4.64	42	264105	95.477	ug/l	98
30) Chloroform	4.67	83	137634	18.927	ug/l	98
31) Cyclohexane	4.99	56	151570	18.499	ug/l #	95
32) 1,1,1-Trichloroethane	4.92	97	110650	18.963	ug/l	99
36) 1,1-Dichloropropene	5.14	75	103447	18.160	ug/l	99
37) Ethyl Acetate	4.39	43	147188	18.961	ug/l	97
38) Carbon Tetrachloride	5.13	117	86783	18.553	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120318\
 Data File : VU028435.D
 Acq On : 03 Dec 2018 12:49
 Operator : MD/SY
 Sample : VU1203WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1203WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/4/2018 11:18:32 AM

Quant Time: Dec 04 07:17:53 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	6.42	83	124843	18.589	ug/l	96
40) Benzene	5.39	78	322312	19.104	ug/l	99
41) Methacrylonitrile	4.55	41	82099	19.044	ug/l	97
42) 1,2-Dichloroethane	5.40	62	112388	18.492	ug/l	98
43) Isopropyl Acetate	5.55	43	227276	18.476	ug/l	98
44) Trichloroethene	6.19	130	71373	19.736	ug/l	98
45) 1,2-Dichloropropane	6.43	63	92068	18.635	ug/l	99
46) Dibromomethane	6.56	93	53765	18.946	ug/l	96
47) Bromodichloromethane	6.76	83	104800	18.566	ug/l	98
48) Methyl methacrylate	6.62	41	115435	18.015	ug/l	98
49) 1,4-Dioxane	6.61	88	37370	365.064	ug/l	92
51) 4-Methyl-2-Pentanone	7.46	43	727313	92.573	ug/l	99
52) Toluene	7.64	92	188987	19.453	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	122778	18.190	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	134069	18.541	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	74227	18.358	ug/l	96
56) Ethyl methacrylate	8.02	69	129355	18.805	ug/l	97
57) 1,3-Dichloropropane	8.24	76	139811	18.856	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	343014	92.881	ug/l	99
59) 2-Hexanone	8.36	43	556196	91.393	ug/l	98
60) Dibromochloromethane	8.48	129	70944	18.449	ug/l	96
61) 1,2-Dibromoethane	8.58	107	80915	19.539	ug/l	98
64) Tetrachloroethene	8.23	164	59770	18.915	ug/l	99
65) Chlorobenzene	9.12	112	193200	19.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	64661	18.912	ug/l	97
67) Ethyl Benzene	9.25	91	357903	19.051	ug/l	99
68) m/p-Xylenes	9.37	106	263857	39.020	ug/l	96
69) o-Xylene	9.78	106	129177	19.217	ug/l	98
70) Styrene	9.79	104	207172	19.109	ug/l	100
71) Bromoform	9.95	173	54262	18.881	ug/l #	99
73) Isopropylbenzene	10.17	105	338172	18.313	ug/l	99
74) N-amyl acetate	10.01	43	194832	16.839	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	134945	17.770	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	117945m	17.913	ug/l	
77) Bromobenzene	10.45	156	78566	18.056	ug/l	99
78) n-propylbenzene	10.58	91	421618	18.508	ug/l	99
79) 2-Chlorotoluene	10.66	91	242070	18.025	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	283977	18.248	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	42744m	17.233	ug/l	
82) 4-Chlorotoluene	10.77	91	279836	18.086	ug/l	100
83) tert-Butylbenzene	11.10	119	266152	18.347	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	286076	18.150	ug/l	97
85) sec-Butylbenzene	11.32	105	345707	18.348	ug/l	99
86) p-Isopropyltoluene	11.48	119	288228	18.604	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	143815	18.121	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	146567	18.350	ug/l	98
89) n-Butylbenzene	11.89	91	283088	18.514	ug/l	98
90) Hexachloroethane	12.14	117	41823	17.291	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	143929	18.177	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	30686	18.167	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU120318\
Data File : VU028435.D
Acq On : 03 Dec 2018 12:49
Operator : MD/SY
Sample : VU1203WBSD01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1203WBSD01

Manual Integrations
APPROVED

MMDadoda
12/4/2018 11:18:32 AM

Quant Time: Dec 04 07:17:53 2018
Quant Method : Z:\V0ASRV\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	97466	18.805	ug/l	100
94) Hexachlorobutadiene	13.69	225	44418	18.149	ug/l	98
95) Naphthalene	13.74	128	349152	19.317	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	100653	19.202	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU120318\
Data File : VU028435.D
Acq On : 03 Dec 2018 12:49
Operator : MD/SY
Sample : VU1203WBSD01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1203WBSD01

Manual Integrations
APPROVED

MMDadoda
12/4/2018 11:18:32 AM

Quant Time: Dec 04 07:17:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration

