

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110718\
 Data File : VU027995.D
 Acq On : 07 Nov 2018 11:07
 Operator : MD/SY
 Sample : VU1107WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1107WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/8/2018 9:11:06 AM

Quant Time: Nov 07 11:28:17 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	202359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	348323	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	316945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	150388	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	142670	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
35) Dibromofluoromethane	4.89	113	108379	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	7.57	98	408910	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	10.31	95	148464	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	39736	15.453	ug/l	99
3) Chloromethane	1.33	50	52588	16.910	ug/l	99
4) Vinyl Chloride	1.40	62	52853	17.124	ug/l	94
5) Bromomethane	1.63	94	24891	21.930	ug/l	96
6) Chloroethane	1.70	64	31568	17.748	ug/l	98
7) Trichlorofluoromethane	1.89	101	64956	18.212	ug/l	99
8) Diethyl Ether	2.11	74	30182	19.764	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	38957	18.387	ug/l	100
10) Methyl Iodide	2.41	142	27856	19.854	ug/l	100
11) Tert butyl alcohol	2.83	59	71698	90.020	ug/l	99
12) 1,1-Dichloroethene	2.29	96	35969	16.960	ug/l	99
13) Acrolein	2.20	56	31374	103.096	ug/l	100
14) Allyl chloride	2.59	41	89534	17.273	ug/l	96
15) Acrylonitrile	2.94	53	183573	93.829	ug/l	98
16) Acetone	2.32	43	165793	88.819	ug/l	100
17) Carbon Disulfide	2.48	76	112520	16.232	ug/l	98
18) Methyl Acetate	2.62	43	94419	18.388	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	161148	18.842	ug/l	99
20) Methylene Chloride	2.70	84	48725	17.878	ug/l	92
21) trans-1,2-Dichloroethene	2.99	96	41730	17.050	ug/l	96
22) Diisopropyl ether	3.58	45	200212	18.709	ug/l	97
23) Vinyl Acetate	3.53	43	853982	92.854	ug/l	100
24) 1,1-Dichloroethane	3.45	63	96987	18.195	ug/l	99
25) 2-Butanone	4.26	43	273002	91.931	ug/l	99
26) 2,2-Dichloropropane	4.23	77	75646	18.911	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	53205	19.385	ug/l	97
28) Bromochloromethane	4.55	49	48570	19.437	ug/l	98
29) Tetrahydrofuran	4.64	42	175619	88.565	ug/l	99
30) Chloroform	4.68	83	89400	18.292	ug/l	97
31) Cyclohexane	5.00	56	93463	16.744	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	71293	18.325	ug/l	99
36) 1,1-Dichloropropene	5.14	75	64782	17.758	ug/l	99
37) Ethyl Acetate	4.39	43	97253	18.194	ug/l	98
38) Carbon Tetrachloride	5.14	117	57915	17.914	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110718\
 Data File : VU027995.D
 Acq On : 07 Nov 2018 11:07
 Operator : MD/SY
 Sample : VU1107WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VU1107WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/8/2018 9:11:06 AM

Quant Time: Nov 07 11:28:17 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	78917	17.936	ug/l	98
40) Benzene	5.39	78	206444	18.509	ug/l	98
41) Methacrylonitrile	4.54	41	54617	19.146	ug/l	99
42) 1,2-Dichloroethane	5.41	62	72524	18.293	ug/l	99
43) Isopropyl Acetate	5.55	43	155799	18.604	ug/l	100
44) Trichloroethene	6.19	130	43286	18.055	ug/l	100
45) 1,2-Dichloropropane	6.43	63	60882	18.927	ug/l	99
46) Dibromomethane	6.56	93	34855	18.851	ug/l	98
47) Bromodichloromethane	6.76	83	67628	18.980	ug/l	99
48) Methyl methacrylate	6.62	41	77156	18.801	ug/l	100
49) 1,4-Dioxane	6.61	88	26112	389.996	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	507219	90.692	ug/l	99
52) Toluene	7.64	92	120473	18.373	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	78126	18.404	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	85834	19.541	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	51029	19.128	ug/l	97
56) Ethyl methacrylate	8.02	69	89832	19.095	ug/l	99
57) 1,3-Dichloropropane	8.24	76	91530	18.835	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	238167	94.524	ug/l	100
59) 2-Hexanone	8.36	43	396416	91.644	ug/l	98
60) Dibromochloromethane	8.48	129	48764	19.317	ug/l	95
61) 1,2-Dibromoethane	8.59	107	53074	18.723	ug/l	99
64) Tetrachloroethene	8.23	164	36779	17.896	ug/l	98
65) Chlorobenzene	9.12	112	125992	18.815	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	42446	18.558	ug/l	97
67) Ethyl Benzene	9.25	91	232226	18.841	ug/l	100
68) m/p-Xylenes	9.38	106	168893	37.765	ug/l	99
69) o-Xylene	9.78	106	82350	18.235	ug/l	95
70) Styrene	9.79	104	135286	18.749	ug/l	100
71) Bromoform	9.96	173	36132	18.850	ug/l #	99
73) Isopropylbenzene	10.17	105	226736	19.462	ug/l	99
74) N-amyl acetate	10.02	43	136631	19.395	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	89811	19.111	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	92020m	22.370	ug/l	
77) Bromobenzene	10.45	156	51887	19.423	ug/l	100
78) n-propylbenzene	10.59	91	268380	19.245	ug/l	100
79) 2-Chlorotoluene	10.66	91	162013	19.382	ug/l	97
80) 1,3,5-Trimethylbenzene	10.77	105	186447	19.319	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	33891m	20.726	ug/l	
82) 4-Chlorotoluene	10.77	91	179994	18.967	ug/l	99
83) tert-Butylbenzene	11.10	119	184998	19.174	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	190667	19.619	ug/l	99
85) sec-Butylbenzene	11.32	105	230400	19.635	ug/l	99
86) p-Isopropyltoluene	11.48	119	188983	19.266	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	93584	18.964	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	94354	18.654	ug/l	99
89) n-Butylbenzene	11.89	91	177525	19.043	ug/l	99
90) Hexachloroethane	12.15	117	33663	19.276	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	95159	19.175	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19581	19.774	ug/l	95

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU110718\
Data File : VU027995.D
Acq On : 07 Nov 2018 11:07
Operator : MD/SY
Sample : VU1107WBSD01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01

Manual Integrations
APPROVED

MMDadoda
11/8/2018 9:11:06 AM

Quant Time: Nov 07 11:28:17 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	60295	17.771	ug/l	100
94) Hexachlorobutadiene	13.69	225	30643	19.428	ug/l	97
95) Naphthalene	13.74	128	221799	17.863	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	63924	19.196	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU110718\
Data File : VU027995.D
Acq On : 07 Nov 2018 11:07
Operator : MD/SY
Sample : VU1107WBSD01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1107WBSD01

Manual Integrations
APPROVED

MMDadoda
11/8/2018 9:11:06 AM

Quant Time: Nov 07 11:28:17 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

