

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121118\
 Data File : VU028549.D
 Acq On : 10 Dec 2018 14:27
 Operator : MD/SY
 Sample : VU1211WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1211WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 12:10:04 PM

Quant Time: Dec 11 03:52:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	84870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	146094	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	137867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	67316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	66148	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
35) Dibromofluoromethane	4.88	113	48184	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
50) Toluene-d8	7.57	98	189120	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
62) 4-Bromofluorobenzene	10.30	95	70452	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	20987	18.449	ug/l	99
3) Chloromethane	1.33	50	37104	17.741	ug/l	99
4) Vinyl Chloride	1.40	62	27410	18.161	ug/l	100
5) Bromomethane	1.63	94	13922	22.899	ug/l	96
6) Chloroethane	1.70	64	15936	18.651	ug/l	99
7) Trichlorofluoromethane	1.89	101	29573	18.624	ug/l	98
8) Diethyl Ether	2.10	74	13253	17.839	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	17616	18.549	ug/l	95
10) Methyl Iodide	2.41	142	10431	13.998	ug/l	97
11) Tert butyl alcohol	2.82	59	30428	105.448	ug/l	99
12) 1,1-Dichloroethene	2.29	96	16650	17.620	ug/l	93
13) Acrolein	2.19	56	20852	90.646	ug/l	98
14) Allyl chloride	2.59	41	40171	17.970	ug/l	100
15) Acrylonitrile	2.94	53	77805	97.119	ug/l	99
16) Acetone	2.32	43	85470	101.129	ug/l	100
17) Carbon Disulfide	2.48	76	62279	18.295	ug/l	100
18) Methyl Acetate	2.62	43	44197	20.173	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	67057	18.720	ug/l	99
20) Methylene Chloride	2.70	84	22045	17.694	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	19206	18.052	ug/l	99
22) Diisopropyl ether	3.57	45	83621	19.236	ug/l	98
23) Vinyl Acetate	3.52	43	342978	95.653	ug/l	99
24) 1,1-Dichloroethane	3.45	63	42867	18.838	ug/l	99
25) 2-Butanone	4.26	43	116225	100.628	ug/l	98
26) 2,2-Dichloropropane	4.23	77	34268	19.006	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	22500	18.685	ug/l	99
28) Bromochloromethane	4.55	49	20671	19.983	ug/l	98
29) Tetrahydrofuran	4.64	42	74493	100.424	ug/l	98
30) Chloroform	4.67	83	38010	19.165	ug/l	94
31) Cyclohexane	5.00	56	42053	18.176	ug/l	96
32) 1,1,1-Trichloroethane	4.91	97	31453	19.095	ug/l	97
36) 1,1-Dichloropropene	5.14	75	30530	19.097	ug/l	97
37) Ethyl Acetate	4.38	43	39630	19.176	ug/l	99
38) Carbon Tetrachloride	5.13	117	24122	18.720	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121118\
 Data File : VU028549.D
 Acq On : 10 Dec 2018 14:27
 Operator : MD/SY
 Sample : VU1211WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1211WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 12:10:04 PM

Quant Time: Dec 11 03:52:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	35595	18.250	ug/l	97
40) Benzene	5.39	78	90438	19.207	ug/l	98
41) Methacrylonitrile	4.54	41	22215	19.628	ug/l	98
42) 1,2-Dichloroethane	5.40	62	31690	19.228	ug/l	97
43) Isopropyl Acetate	5.55	43	63607	19.459	ug/l	99
44) Trichloroethene	6.19	130	19494	18.620	ug/l	100
45) 1,2-Dichloropropane	6.43	63	26119	19.726	ug/l	97
46) Dibromomethane	6.56	93	15123	19.250	ug/l	99
47) Bromodichloromethane	6.76	83	29045	18.999	ug/l	97
48) Methyl methacrylate	6.62	41	31667	19.480	ug/l	99
49) 1,4-Dioxane	6.61	88	11689	455.404	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	200587	97.294	ug/l	99
52) Toluene	7.64	92	52251	18.856	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	35196	19.331	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	37134	18.799	ug/l	95
55) 1,1,2-Trichloroethane	8.07	97	21130	19.290	ug/l	99
56) Ethyl methacrylate	8.02	69	35055	18.688	ug/l	98
57) 1,3-Dichloropropane	8.24	76	38986	19.173	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	90402	94.093	ug/l	100
59) 2-Hexanone	8.36	43	159146	97.391	ug/l	99
60) Dibromochloromethane	8.48	129	20321	18.948	ug/l	100
61) 1,2-Dibromoethane	8.59	107	21936	19.097	ug/l	98
64) Tetrachloroethene	8.22	164	17065	18.557	ug/l	96
65) Chlorobenzene	9.12	112	53097	18.074	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	17895	19.075	ug/l	99
67) Ethyl Benzene	9.25	91	100016	18.519	ug/l	100
68) m/p-Xylenes	9.37	106	71504	36.386	ug/l	95
69) o-Xylene	9.78	106	34904	18.277	ug/l	98
70) Styrene	9.79	104	56934	18.015	ug/l	99
71) Bromoform	9.96	173	15036	18.841	ug/l #	100
73) Isopropylbenzene	10.16	105	92562	17.920	ug/l	99
74) N-amyl acetate	10.01	43	53863	18.078	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	37038	18.666	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	30849m	17.947	ug/l	
77) Bromobenzene	10.45	156	22148	18.334	ug/l	98
78) n-propylbenzene	10.58	91	117245	18.267	ug/l	100
79) 2-Chlorotoluene	10.66	91	68106	18.421	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	78793	18.428	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.51	75	13972m	20.299	ug/l	
82) 4-Chlorotoluene	10.77	91	77685	17.731	ug/l	99
83) tert-Butylbenzene	11.10	119	75271	18.264	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	80055	18.167	ug/l	100
85) sec-Butylbenzene	11.32	105	97988	18.508	ug/l	99
86) p-Isopropyltoluene	11.48	119	80051	17.799	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	40161	17.606	ug/l	100
88) 1,4-Dichlorobenzene	11.50	146	41725	17.679	ug/l	99
89) n-Butylbenzene	11.89	91	78646	17.279	ug/l	100
90) Hexachloroethane	12.14	117	12962	19.068	ug/l	95
91) 1,2-Dichlorobenzene	11.88	146	39574	17.344	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	8626	20.080	ug/l	92

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121118\
Data File : VU028549.D
Acq On : 10 Dec 2018 14:27
Operator : MD/SY
Sample : VU1211WBS01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1211WBS01

Manual Integrations
APPROVED

MMDadoda
12/11/2018 12:10:04 PM

Quant Time: Dec 11 03:52:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	27387	18.016	ug/l	96
94) Hexachlorobutadiene	13.69	225	13169	17.619	ug/l	99
95) Naphthalene	13.74	128	90280	16.488	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	26832	17.291	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121118\
 Data File : VU028549.D
 Acq On : 10 Dec 2018 14:27
 Operator : MD/SY
 Sample : VU1211WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1211WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 12:10:04 PM

Quant Time: Dec 11 03:52:40 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

