

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040621\
 Data File : VU042968.D
 Acq On : 06 Apr 2021 20:24
 Operator : SY/MD
 Sample : M1951-03MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SW-1MSD

Manual Integrations
 APPROVED

SAM
 4/7/2021 5:20:57 PM

Quant Time: Apr 07 01:47:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.382	168	120031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	189788	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	183592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	102962	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	93980	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
35) Dibromofluoromethane	5.298	113	66159	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
50) Toluene-d8	7.906	98	230595	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
62) 4-Bromofluorobenzene	10.639	95	91833	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	59848	42.42	ug/l	99
3) Chloromethane	1.524	50	61803	40.46	ug/l	97
4) Vinyl Chloride	1.607	62	60737	43.70	ug/l	99
5) Bromomethane	1.858	94	36753	42.77	ug/l	97
6) Chloroethane	1.932	64	43317	42.08	ug/l	98
7) Trichlorofluoromethane	2.141	101	105360	43.48	ug/l	98
8) Diethyl Ether	2.382	74	34786	46.06	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.585	101	53940	46.44	ug/l	98
10) Methyl Iodide	2.729	142	70043	44.72	ug/l	99
11) Tert butyl alcohol	3.205	59	127391m	311.40	ug/l	
12) 1,1-Dichloroethene	2.585	96	49293	45.28	ug/l	94
13) Acrolein	2.491	56	27529	195.14	ug/l	94
14) Allyl chloride	2.929	41	121792	51.21	ug/l	98
15) Acrylonitrile	3.321	53	264908	282.34	ug/l	99
16) Acetone	2.636	43	272144	279.65	ug/l	98
17) Carbon Disulfide	2.800	76	126568	41.09	ug/l	99
18) Methyl Acetate	2.954	43	143207	65.34	ug/l	97
19) Methyl tert-butyl Ether	3.372	73	217182	52.57	ug/l	99
20) Methylene Chloride	3.054	84	62073	45.06	ug/l	99
21) trans-1,2-Dichloroethene	3.363	96	55455	45.40	ug/l	97
22) Diisopropyl ether	3.999	45	254312	53.11	ug/l	95
23) Vinyl Acetate	3.964	43	1098806	246.60	ug/l	100
24) 1,1-Dichloroethane	3.880	63	123566	49.51	ug/l	98
25) 2-Butanone	4.710	43	441480	283.49	ug/l	100
26) 2,2-Dichloropropane	4.678	77	101466	46.02	ug/l	99
27) cis-1,2-Dichloroethene	4.675	96	69156	49.46	ug/l	97
28) Bromochloromethane	4.983	49	65553	52.60	ug/l #	99
29) Tetrahydrofuran	5.057	42	284881	295.69	ug/l	100
30) Chloroform	5.096	83	132985	50.40	ug/l	96
31) Cyclohexane	5.398	56	106928	44.89	ug/l	99
32) 1,1,1-Trichloroethane	5.327	97	115166	49.18	ug/l	99
36) 1,1-Dichloropropene	5.536	75	89690	47.78	ug/l	99
37) Ethyl Acetate	4.810	43	152219	52.24	ug/l	99
38) Carbon Tetrachloride	5.533	117	98136	45.80	ug/l	96
39) Methylcyclohexane	6.771	83	95523	44.43	ug/l	99
40) Benzene	5.784	78	258874	46.10	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040621\
 Data File : VU042968.D
 Acq On : 06 Apr 2021 20:24
 Operator : SY/MD
 Sample : M1951-03MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SW-1MSD

Manual Integrations
 APPROVED

SAM
 4/7/2021 5:20:57 PM

Quant Time: Apr 07 01:47:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	85539	56.04	ug/l	99
42) 1,2-Dichloroethane	5.803	62	117651	48.86	ug/l	100
43) Isopropyl Acetate	5.919	43	225366	51.37	ug/l	100
44) Trichloroethene	6.549	130	66850	46.31	ug/l	97
45) 1,2-Dichloropropane	6.800	63	74051	49.57	ug/l	99
46) Dibromomethane	6.925	93	51318	48.22	ug/l	99
47) Bromodichloromethane	7.112	83	104588	48.38	ug/l	98
48) Methyl methacrylate	6.967	41	117446	55.46	ug/l	98
49) 1,4-Dioxane	6.996	88	45422	1070.87	ug/l	96
51) 4-Methyl-2-Pentanone	7.800	43	874884	285.01	ug/l	100
52) Toluene	7.977	92	164175	47.82	ug/l	98
53) t-1,3-Dichloropropene	8.218	75	114678	50.14	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	113995	47.62	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	71914	48.69	ug/l	98
56) Ethyl methacrylate	8.340	69	118666	52.58	ug/l	98
57) 1,3-Dichloropropane	8.581	76	123541	48.74	ug/l	100
59) 2-Hexanone	8.694	43	726472	297.58	ug/l	100
60) Dibromochloromethane	8.816	129	84735	49.33	ug/l	97
61) 1,2-Dibromoethane	8.932	107	82270	48.98	ug/l	97
64) Tetrachloroethene	8.559	164	65550	44.22	ug/l	97
65) Chlorobenzene	9.452	112	177857	47.65	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	72403	48.76	ug/l	98
67) Ethyl Benzene	9.578	91	331936	49.58	ug/l	100
68) m/p-Xylenes	9.700	106	241120	97.72	ug/l	97
69) o-Xylene	10.108	106	119397	49.99	ug/l	97
70) Styrene	10.121	104	205167	50.86	ug/l	99
71) Bromoform	10.298	173	70889	50.33	ug/l #	98
73) Isopropylbenzene	10.491	105	330567	50.72	ug/l	99
74) N-amyl acetate	10.327	43	196604	53.45	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	134864	50.63	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	142672m	54.49	ug/l	
77) Bromobenzene	10.790	156	88258	49.21	ug/l	99
78) n-propylbenzene	10.912	91	393877	51.35	ug/l	100
79) 2-Chlorotoluene	10.993	91	234165	50.59	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	292893	51.80	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	45666	51.67	ug/l	98
82) 4-Chlorotoluene	11.102	91	282125	51.03	ug/l	99
83) tert-Butylbenzene	11.427	119	284580	51.67	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	296285	51.89	ug/l	99
85) sec-Butylbenzene	11.649	105	332116	51.87	ug/l	100
86) p-Isopropyltoluene	11.800	119	305844	52.20	ug/l	98
87) 1,3-Dichlorobenzene	11.751	146	157309	48.82	ug/l	98
88) 1,4-Dichlorobenzene	11.841	146	161385	48.77	ug/l	99
89) n-Butylbenzene	12.214	91	276558	50.02	ug/l	100
90) Hexachloroethane	12.481	117	54980	49.70	ug/l	96
91) 1,2-Dichlorobenzene	12.218	146	161621	49.26	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	41372	58.64	ug/l	98
93) 1,2,4-Trichlorobenzene	13.848	180	108548	51.90	ug/l	97
94) Hexachlorobutadiene	14.028	225	52795	43.16	ug/l	99
95) Naphthalene	14.095	128	354768	50.78	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	107894	50.96	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040621\
Data File : VU042968.D
Acq On : 06 Apr 2021 20:24
Operator : SY/MD
Sample : M1951-03MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SW-1MSD

Manual Integrations
APPROVED

SAM
4/7/2021 5:20:57 PM

Quant Time: Apr 07 01:47:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 25 05:42:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

