

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061021\
 Data File : VU044142.D
 Acq On : 10 Jun 2021 09:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 11 01:17:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	160514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	282770	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	274664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	147169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	120737	47.300	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.600%	
35) Dibromofluoromethane	5.298	113	91265	46.397	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.800%	
50) Toluene-d8	7.906	98	352615	46.677	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.360%	
62) 4-Bromofluorobenzene	10.639	95	143482	47.395	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.780%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	108541	47.937	ug/l	99
3) Chloromethane	1.523	50	131223	51.005	ug/l	99
4) Vinyl Chloride	1.610	62	124805	46.200	ug/l	99
5) Bromomethane	1.838	94	62082	55.693	ug/l	99
6) Chloroethane	1.925	64	74901	49.437	ug/l	100
7) Trichlorofluoromethane	2.138	101	151484	46.617	ug/l	97
8) Diethyl Ether	2.382	74	63191	47.538	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.584	101	92185	46.569	ug/l	98
10) Methyl Iodide	2.729	142	112748	49.377	ug/l	98
11) Tert butyl alcohol	3.195	59	161800	235.627	ug/l	99
12) 1,1-Dichloroethene	2.584	96	92632	46.939	ug/l	98
13) Acrolein	2.491	56	81202	218.201	ug/l	99
14) Allyl chloride	2.928	41	176689	47.980	ug/l	99
15) Acrylonitrile	3.321	53	341497	240.514	ug/l	100
16) Acetone	2.629	43	389214	295.706	ug/l	99
17) Carbon Disulfide	2.797	76	292246	46.119	ug/l	100
18) Methyl Acetate	2.954	43	159795	48.666	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	301107	49.967	ug/l	99
20) Methylene Chloride	3.051	84	115685	50.299	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	103126	47.308	ug/l	98
22) Diisopropyl ether	4.002	45	320410	50.540	ug/l	99
23) Vinyl Acetate	3.964	43	1534717	255.097	ug/l	99
24) 1,1-Dichloroethane	3.877	63	198666	47.153	ug/l	99
25) 2-Butanone	4.710	43	530354	248.929	ug/l	99
26) 2,2-Dichloropropane	4.674	77	159015	47.791	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	115885	47.654	ug/l	99
28) Bromochloromethane	4.983	49	99863	49.686	ug/l	97
29) Tetrahydrofuran	5.057	42	282218	243.679	ug/l	99
30) Chloroform	5.099	83	193699	47.077	ug/l	99
31) Cyclohexane	5.398	56	169205	46.970	ug/l	99
32) 1,1,1-Trichloroethane	5.327	97	161304	47.152	ug/l	99
36) 1,1-Dichloropropene	5.536	75	149738	47.596	ug/l	99
37) Ethyl Acetate	4.809	43	178914	47.492	ug/l	99
38) Carbon Tetrachloride	5.533	117	135335	47.650	ug/l	98
39) Methylcyclohexane	6.771	83	161666	48.174	ug/l	98
40) Benzene	5.784	78	443454	47.569	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	97995	50.810	ug/l	99
42) 1,2-Dichloroethane	5.803	62	154681	47.020	ug/l	100
43) Isopropyl Acetate	5.919	43	262969	49.199	ug/l	99
44) Trichloroethene	6.552	130	102006	47.486	ug/l	100
45) 1,2-Dichloropropane	6.800	63	119439	47.169	ug/l	98
46) Dibromomethane	6.925	93	76514	46.877	ug/l	99
47) Bromodichloromethane	7.115	83	153837	47.901	ug/l	99
48) Methyl methacrylate	6.967	41	129092	49.631	ug/l	99
49) 1,4-Dioxane	6.973	88	66224	973.402	ug/l	99
51) 4-Methyl-2-Pentanone	7.800	43	965350	249.531	ug/l	99
52) Toluene	7.976	92	270822	49.010	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	174763	49.733	ug/l	98
54) cis-1,3-Dichloropropene	7.616	75	188731	49.777	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	110082	47.432	ug/l	99
56) Ethyl methacrylate	8.340	69	184431	52.023	ug/l	99
57) 1,3-Dichloropropane	8.584	76	196338	47.682	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	276287	220.967	ug/l	99
59) 2-Hexanone	8.694	43	764756	247.701	ug/l	100
60) Dibromochloromethane	8.819	129	112913	48.922	ug/l	100
61) 1,2-Dibromoethane	8.931	107	115297	47.232	ug/l	100
64) Tetrachloroethene	8.562	164	89868	47.597	ug/l	99
65) Chlorobenzene	9.456	112	278096	47.350	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	98093	47.820	ug/l	100
67) Ethyl Benzene	9.578	91	525057	49.769	ug/l	100
68) m/p-Xylenes	9.703	106	398773	101.206	ug/l	99
69) o-Xylene	10.108	106	189954	50.843	ug/l	100
70) Styrene	10.121	104	332790	51.142	ug/l	99
71) Bromoform	10.298	173	84585	48.454	ug/l #	99
73) Isopropylbenzene	10.491	105	513895	52.145	ug/l	99
74) N-amyl acetate	10.330	43	222866	50.356	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	202427	47.185	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	236681	47.967	ug/l	98
77) Bromobenzene	10.790	156	119652	48.295	ug/l	99
78) n-propylbenzene	10.915	91	649394	50.632	ug/l	100
79) 2-Chlorotoluene	10.992	91	380508	50.075	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	459332	52.391	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	68111	50.038	ug/l	99
82) 4-Chlorotoluene	11.105	91	457323	50.960	ug/l	99
83) tert-Butylbenzene	11.430	119	420062	51.068	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	463340	52.600	ug/l	100
85) sec-Butylbenzene	11.652	105	559812	51.822	ug/l	100
86) p-Isopropyltoluene	11.803	119	493251	53.300	ug/l	100
87) 1,3-Dichlorobenzene	11.754	146	235179	48.359	ug/l	100
88) 1,4-Dichlorobenzene	11.845	146	236232	45.639	ug/l	100
89) n-Butylbenzene	12.217	91	474760	50.508	ug/l	100
90) Hexachloroethane	12.484	117	73212	49.990	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	230013	47.040	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.005	75	45879	47.279	ug/l	97
93) 1,2,4-Trichlorobenzene	13.848	180	145698	47.341	ug/l	99
94) Hexachlorobutadiene	14.031	225	78934	47.794	ug/l	99
95) Naphthalene	14.095	128	452876	44.132	ug/l	100
96) 1,2,3-Trichlorobenzene	14.340	180	140072	46.943	ug/l	100

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

