

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
 Data File : VU044172.D
 Acq On : 14 Jun 2021 09:25
 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 15 02:41:53 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	147083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	258185	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	251967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	136876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	119076	50.909	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.820%	
35) Dibromofluoromethane	5.298	113	90374	50.319	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.640%	
50) Toluene-d8	7.906	98	344629	49.964	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.920%	
62) 4-Bromofluorobenzene	10.639	95	135086	48.870	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.740%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	103221	49.750	ug/l	99
3) Chloromethane	1.523	50	122467	51.978	ug/l	100
4) Vinyl Chloride	1.610	62	118536	47.886	ug/l	100
5) Bromomethane	1.848	94	66642	65.243	ug/l	97
6) Chloroethane	1.932	64	71943	51.881	ug/l	100
7) Trichlorofluoromethane	2.141	101	145210	48.767	ug/l	99
8) Diethyl Ether	2.382	74	58679	48.174	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.588	101	89705	49.454	ug/l	99
10) Methyl Iodide	2.729	142	104107	49.756	ug/l	99
11) Tert butyl alcohol	3.189	59	142488	226.451	ug/l	100
12) 1,1-Dichloroethene	2.584	96	86938	48.077	ug/l	94
13) Acrolein	2.491	56	65266	191.021	ug/l	98
14) Allyl chloride	2.932	41	167410	49.612	ug/l	100
15) Acrylonitrile	3.321	53	333125	256.042	ug/l	100
16) Acetone	2.629	43	415893	345.187	ug/l	99
17) Carbon Disulfide	2.800	76	281938	48.555	ug/l	99
18) Methyl Acetate	2.954	43	156732	52.092	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	279128	50.549	ug/l	100
20) Methylene Chloride	3.054	84	108547	51.535	ug/l	95
21) trans-1,2-Dichloroethene	3.359	96	99692	49.909	ug/l	96
22) Diisopropyl ether	4.002	45	305723	52.627	ug/l	96
23) Vinyl Acetate	3.964	43	1454085	263.766	ug/l	99
24) 1,1-Dichloroethane	3.880	63	189161	48.997	ug/l	100
25) 2-Butanone	4.710	43	525234	269.038	ug/l	99
26) 2,2-Dichloropropane	4.674	77	152982	50.177	ug/l	99
27) cis-1,2-Dichloroethene	4.678	96	109117	48.968	ug/l	99
28) Bromochloromethane	4.983	49	95613	51.916	ug/l	97
29) Tetrahydrofuran	5.057	42	273722	257.925	ug/l	99
30) Chloroform	5.099	83	186411	49.443	ug/l	100
31) Cyclohexane	5.398	56	158763	48.096	ug/l	99
32) 1,1,1-Trichloroethane	5.327	97	154845	49.397	ug/l	98
36) 1,1-Dichloropropene	5.536	75	143988	50.127	ug/l	99
37) Ethyl Acetate	4.809	43	170938	49.695	ug/l	99
38) Carbon Tetrachloride	5.533	117	131797	50.823	ug/l	100
39) Methylcyclohexane	6.771	83	149620	48.830	ug/l	98
40) Benzene	5.784	78	423577	49.763	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	93394	53.036	ug/l	99
42) 1,2-Dichloroethane	5.803	62	148152	49.323	ug/l	100
43) Isopropyl Acetate	5.919	43	246114	50.430	ug/l	99
44) Trichloroethene	6.552	130	96640	49.272	ug/l	98
45) 1,2-Dichloropropane	6.800	63	113351	49.028	ug/l	99
46) Dibromomethane	6.925	93	73432	49.273	ug/l	98
47) Bromodichloromethane	7.115	83	150458	51.310	ug/l	98
48) Methyl methacrylate	6.967	41	123096	51.832	ug/l	98
49) 1,4-Dioxane	6.970	88	61276	986.438	ug/l	98
51) 4-Methyl-2-Pentanone	7.800	43	901800	255.301	ug/l	99
52) Toluene	7.976	92	258624	51.259	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	165712	51.648	ug/l	100
54) cis-1,3-Dichloropropene	7.616	75	180071	52.016	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	103556	48.869	ug/l	99
56) Ethyl methacrylate	8.340	69	167085	51.618	ug/l	98
57) 1,3-Dichloropropane	8.584	76	186879	49.706	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	241629	212.370	ug/l	99
59) 2-Hexanone	8.690	43	729553	258.800	ug/l	99
60) Dibromochloromethane	8.819	129	107583	51.051	ug/l	99
61) 1,2-Dibromoethane	8.931	107	109702	49.219	ug/l	99
64) Tetrachloroethene	8.562	164	86512	49.947	ug/l	99
65) Chlorobenzene	9.456	112	259217	48.111	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	92706	49.264	ug/l	99
67) Ethyl Benzene	9.578	91	494061	51.050	ug/l	100
68) m/p-Xylenes	9.700	106	378384	104.681	ug/l	99
69) o-Xylene	10.108	106	174838	51.013	ug/l	99
70) Styrene	10.121	104	311240	52.139	ug/l	99
71) Bromoform	10.298	173	80237	50.104	ug/l #	100
73) Isopropylbenzene	10.491	105	478936	52.252	ug/l	99
74) N-amyl acetate	10.327	43	206947	50.275	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	188984	47.364	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	225123	49.055	ug/l	99
77) Bromobenzene	10.790	156	110206	47.827	ug/l	98
78) n-propylbenzene	10.912	91	617325	51.751	ug/l	99
79) 2-Chlorotoluene	10.992	91	354457	50.154	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	434572	53.294	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	63372	50.057	ug/l	99
82) 4-Chlorotoluene	11.105	91	432024	51.761	ug/l	99
83) tert-Butylbenzene	11.426	119	385055	50.332	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	440279	53.741	ug/l	99
85) sec-Butylbenzene	11.652	105	522039	51.959	ug/l	100
86) p-Isopropyltoluene	11.799	119	458351	53.253	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	219781	48.591	ug/l	100
88) 1,4-Dichlorobenzene	11.844	146	225495	46.840	ug/l	100
89) n-Butylbenzene	12.217	91	452702	51.783	ug/l	99
90) Hexachloroethane	12.484	117	69386	50.941	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	217313	47.785	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	44916	49.768	ug/l	95
93) 1,2,4-Trichlorobenzene	13.848	180	138922	48.533	ug/l	99
94) Hexachlorobutadiene	14.028	225	75473	49.135	ug/l	99
95) Naphthalene	14.095	128	445427	46.507	ug/l	99
96) 1,2,3-Trichlorobenzene	14.340	180	135729	48.908	ug/l	100

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

