

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060921\
 Data File : VU044140.D
 Acq On : 09 Jun 2021 15:55
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU060921

Quant Time: Jun 10 05:15:00 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	162337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	280652	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	281465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	157205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	119296	46.211	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.420%	
35) Dibromofluoromethane	5.298	113	90727	46.472	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.940%	
50) Toluene-d8	7.906	98	358315	47.790	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.580%	
62) 4-Bromofluorobenzene	10.639	95	156415	52.057	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	104258	45.528	ug/l	99
3) Chloromethane	1.523	50	125652	48.206	ug/l	99
4) Vinyl Chloride	1.610	62	120915	44.257	ug/l	99
5) Bromomethane	1.835	94	39309	34.868	ug/l	98
6) Chloroethane	1.916	64	74877	48.852	ug/l	99
7) Trichlorofluoromethane	2.131	101	148356	45.142	ug/l	99
8) Diethyl Ether	2.382	74	60600	45.077	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	89635	44.772	ug/l	98
10) Methyl Iodide	2.726	142	110222	47.729	ug/l	98
11) Tert butyl alcohol	3.218	59	160396	230.959	ug/l	100
12) 1,1-Dichloroethene	2.581	96	90999	45.594	ug/l	100
13) Acrolein	2.491	56	78277	207.837	ug/l	99
14) Allyl chloride	2.925	41	169536	45.521	ug/l	99
15) Acrylonitrile	3.321	53	330296	230.013	ug/l	100
16) Acetone	2.633	43	315601	236.657	ug/l	99
17) Carbon Disulfide	2.793	76	284162	44.340	ug/l	100
18) Methyl Acetate	2.954	43	151808	45.714	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	295960	48.561	ug/l	99
20) Methylene Chloride	3.051	84	112379	48.265	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	101964	46.250	ug/l	99
22) Diisopropyl ether	4.002	45	302537	47.185	ug/l	99
23) Vinyl Acetate	3.964	43	1470204	241.630	ug/l	100
24) 1,1-Dichloroethane	3.877	63	193943	45.516	ug/l	100
25) 2-Butanone	4.710	43	494057	229.289	ug/l	100
26) 2,2-Dichloropropane	4.671	77	155670	46.260	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	113220	46.035	ug/l	100
28) Bromochloromethane	4.980	49	91174	44.854	ug/l	97
29) Tetrahydrofuran	5.057	42	272767	232.874	ug/l	100
30) Chloroform	5.096	83	189417	45.520	ug/l	100
31) Cyclohexane	5.395	56	163622	44.910	ug/l	99
32) 1,1,1-Trichloroethane	5.324	97	158290	45.751	ug/l	99
36) 1,1-Dichloropropene	5.533	75	146534	46.929	ug/l	99
37) Ethyl Acetate	4.809	43	171466	45.858	ug/l	100
38) Carbon Tetrachloride	5.533	117	133983	47.530	ug/l	100
39) Methylcyclohexane	6.771	83	159127	47.775	ug/l	99
40) Benzene	5.781	78	433652	46.869	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	93946	49.079	ug/l	98
42) 1,2-Dichloroethane	5.803	62	149092	45.663	ug/l	100
43) Isopropyl Acetate	5.919	43	262509	49.483	ug/l	100
44) Trichloroethene	6.549	130	103023	48.321	ug/l	97
45) 1,2-Dichloropropane	6.800	63	114590	45.596	ug/l	99
46) Dibromomethane	6.925	93	75583	46.656	ug/l	99
47) Bromodichloromethane	7.115	83	149724	46.972	ug/l	97
48) Methyl methacrylate	6.967	41	130728	50.639	ug/l	99
49) 1,4-Dioxane	6.977	88	68003	1007.095	ug/l	99
51) 4-Methyl-2-Pentanone	7.803	43	993536	258.755	ug/l	99
52) Toluene	7.977	92	271222	49.452	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	176156	50.508	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	186704	49.614	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	111704	48.495	ug/l	99
56) Ethyl methacrylate	8.343	69	194751	55.348	ug/l	99
57) 1,3-Dichloropropane	8.584	76	199364	48.782	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	288958	231.928	ug/l	99
59) 2-Hexanone	8.694	43	789712	257.715	ug/l	99
60) Dibromochloromethane	8.819	129	116921	51.041	ug/l	100
61) 1,2-Dibromoethane	8.932	107	120385	49.688	ug/l	98
64) Tetrachloroethene	8.562	164	87705	45.329	ug/l	98
65) Chlorobenzene	9.456	112	286192	47.551	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	103637	49.301	ug/l	100
67) Ethyl Benzene	9.578	91	536707	49.644	ug/l	100
68) m/p-Xylenes	9.700	106	412264	102.101	ug/l	100
69) o-Xylene	10.108	106	200484	52.365	ug/l	98
70) Styrene	10.121	104	353527	53.016	ug/l	100
71) Bromoform	10.301	173	92902	51.933	ug/l #	100
73) Isopropylbenzene	10.491	105	541085	51.399	ug/l	100
74) N-amyl acetate	10.330	43	242174	51.225	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	219875	47.980	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	257978	48.945	ug/l	97
77) Bromobenzene	10.790	156	128939	48.721	ug/l	100
78) n-propylbenzene	10.912	91	689198	50.305	ug/l	100
79) 2-Chlorotoluene	10.993	91	405020	49.898	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	491598	52.492	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	73908	50.830	ug/l	100
82) 4-Chlorotoluene	11.105	91	486181	50.717	ug/l	100
83) tert-Butylbenzene	11.427	119	458681	52.203	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	498341	52.962	ug/l	100
85) sec-Butylbenzene	11.652	105	604499	52.386	ug/l	100
86) p-Isopropyltoluene	11.800	119	528168	53.429	ug/l	100
87) 1,3-Dichlorobenzene	11.755	146	255333	49.151	ug/l	100
88) 1,4-Dichlorobenzene	11.845	146	259259	46.890	ug/l	99
89) n-Butylbenzene	12.218	91	511272	50.920	ug/l	100
90) Hexachloroethane	12.484	117	79890	51.068	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	247514	47.387	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	49063	47.333	ug/l	99
93) 1,2,4-Trichlorobenzene	13.848	180	160234	48.740	ug/l	100
94) Hexachlorobutadiene	14.028	225	85938	48.713	ug/l	100
95) Naphthalene	14.092	128	520327	47.254	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	156743	49.176	ug/l	99

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

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