

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060921\
 Data File : VU044133.D
 Acq On : 09 Jun 2021 11:21
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 10 04:47:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 04:45:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	138022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	245341	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	242494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	133473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	12299	5.310	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.620%	
35) Dibromofluoromethane	5.295	113	9157	4.998	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.000%	
50) Toluene-d8	7.906	98	33217	5.064	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.120%	
62) 4-Bromofluorobenzene	10.639	95	12449	4.749	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.500%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	10061	6.690	ug/l	100
3) Chloromethane	1.523	50	13674	7.508	ug/l	98
4) Vinyl Chloride	1.607	62	12358	7.417	ug/l	97
5) Bromomethane	1.835	94	4788	5.427	ug/l	99
6) Chloroethane	1.919	64	7858	6.352	ug/l	99
7) Trichlorofluoromethane	2.134	101	14285	5.382	ug/l	94
8) Diethyl Ether	2.382	74	6111	6.881	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.581	101	9099	6.489	ug/l	98
10) Methyl Iodide	2.726	142	8504	4.656	ug/l	100
11) Tert butyl alcohol	3.195	59	17547	29.741	ug/l #	82
12) 1,1-Dichloroethene	2.581	96	8568	6.360	ug/l	92
13) Acrolein	2.491	56	11510	34.217	ug/l	95
14) Allyl chloride	2.929	41	16537	5.260	ug/l	99
15) Acrylonitrile	3.324	53	31415	24.487	ug/l	99
16) Acetone	2.633	43	33071	23.209	ug/l	98
17) Carbon Disulfide	2.797	76	27572	6.587	ug/l	100
18) Methyl Acetate	2.954	43	14566	5.021	ug/l	98
19) Methyl tert-butyl Ether	3.376	73	25259	4.925	ug/l	93
20) Methylene Chloride	3.051	84	11898	6.904	ug/l	96
21) trans-1,2-Dichloroethene	3.356	96	9944	6.344	ug/l	96
22) Diisopropyl ether	4.002	45	28388	4.798	ug/l	90
23) Vinyl Acetate	3.964	43	127957	22.415	ug/l	100
24) 1,1-Dichloroethane	3.877	63	19687	6.324	ug/l	98
25) 2-Butanone	4.713	43	46630	22.639	ug/l	99
26) 2,2-Dichloropropane	4.674	77	14519	5.441	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	10682	6.063	ug/l	97
28) Bromochloromethane	4.983	49	9477	6.001	ug/l	98
29) Tetrahydrofuran	5.064	42	24578	19.223	ug/l	96
30) Chloroform	5.096	83	18564	5.724	ug/l	99
31) Cyclohexane	5.395	56	18720	6.455	ug/l #	93
32) 1,1,1-Trichloroethane	5.324	97	15215	5.367	ug/l	98
36) 1,1-Dichloropropene	5.533	75	13904	5.341	ug/l	99
37) Ethyl Acetate	4.813	43	16869	3.944	ug/l	97
38) Carbon Tetrachloride	5.533	117	12596	4.634	ug/l	95
39) Methylcyclohexane	6.771	83	14221	4.985	ug/l	99
40) Benzene	5.784	78	42351	5.638	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	8416	3.742	ug/l	98
42) 1,2-Dichloroethane	5.803	62	15420	4.816	ug/l	100
43) Isopropyl Acetate	5.919	43	23247	3.833	ug/l	97
44) Trichloroethene	6.549	130	9609	5.137	ug/l	97
45) 1,2-Dichloropropane	6.800	63	11576	5.596	ug/l	98
46) Dibromomethane	6.925	93	7409	5.120	ug/l	95
47) Bromodichloromethane	7.112	83	14301	5.007	ug/l	94
48) Methyl methacrylate	6.970	41	10733	3.545	ug/l	97
49) 1,4-Dioxane	6.980	88	5855	93.626	ug/l	95
51) 4-Methyl-2-Pentanone	7.800	43	82540	18.426	ug/l	98
52) Toluene	7.977	92	24371	5.264	ug/l	98
53) t-1,3-Dichloropropene	8.218	75	14679	4.630	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	15992	4.913	ug/l	98
55) 1,1,2-Trichloroethane	8.407	97	10415	5.268	ug/l	96
56) Ethyl methacrylate	8.340	69	13378	4.150	ug/l	95
57) 1,3-Dichloropropane	8.581	76	18667	5.444	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.472	63	21324	19.274	ug/l	98
59) 2-Hexanone	8.694	43	64501	17.656	ug/l	96
60) Dibromochloromethane	8.816	129	9868	4.436	ug/l	98
61) 1,2-Dibromoethane	8.932	107	10650	4.856	ug/l	98
64) Tetrachloroethene	8.559	164	8652	4.962	ug/l	97
65) Chlorobenzene	9.452	112	26313	5.076	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	9023	4.628	ug/l	97
67) Ethyl Benzene	9.578	91	45095	4.802	ug/l	99
68) m/p-Xylenes	9.700	106	32785	9.423	ug/l	96
69) o-Xylene	10.108	106	15534	4.586	ug/l	96
70) Styrene	10.121	104	26072	4.555	ug/l	99
71) Bromoform	10.298	173	7406	3.759	ug/l #	97
73) Isopropylbenzene	10.491	105	41740	4.603	ug/l	98
74) N-amyl acetate	10.327	43	16997	3.080	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.790	83	20052	5.144	ug/l	97
76) 1,2,3-Trichloropropane	10.832	75	22193	5.485	ug/l	99
77) Bromobenzene	10.790	156	10997	4.449	ug/l	98
78) n-propylbenzene	10.912	91	53887	4.927	ug/l	98
79) 2-Chlorotoluene	10.993	91	34202	5.164	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	36684	4.596	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	5328	4.053	ug/l	93
82) 4-Chlorotoluene	11.105	91	39281	4.940	ug/l	99
83) tert-Butylbenzene	11.427	119	34014	4.366	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	35886	4.369	ug/l	100
85) sec-Butylbenzene	11.652	105	45057	4.840	ug/l	100
86) p-Isopropyltoluene	11.800	119	38209	4.501	ug/l	98
87) 1,3-Dichlorobenzene	11.751	146	21800	4.823	ug/l	98
88) 1,4-Dichlorobenzene	11.841	146	23832	5.066	ug/l	96
89) n-Butylbenzene	12.214	91	37254	4.672	ug/l	96
90) Hexachloroethane	12.481	117	6477	4.210	ug/l	96
91) 1,2-Dichlorobenzene	12.221	146	21553	4.691	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	3961	3.713	ug/l	98
93) 1,2,4-Trichlorobenzene	13.848	180	11693	3.810	ug/l	98
94) Hexachlorobutadiene	14.028	225	7521	4.536	ug/l	99
95) Naphthalene	14.095	128	32316	3.460	ug/l	98
96) 1,2,3-Trichlorobenzene	14.340	180	11696	3.890	ug/l	100

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

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