

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060921\
 Data File : VU044139.D
 Acq On : 09 Jun 2021 14:07
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 10 05:36:08 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	151634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	275545	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	271981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	142727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	14648	6.075	ug/l	0.00
Spiked Amount 50.000			Recovery	=	12.140%	
35) Dibromofluoromethane	5.298	113	11214	5.850	ug/l	0.00
Spiked Amount 50.000			Recovery	=	11.700%	
50) Toluene-d8	7.906	98	39962	5.429	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.860%	
62) 4-Bromofluorobenzene	10.639	95	16228	5.501	ug/l	0.00
Spiked Amount 50.000			Recovery	=	11.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	12183	5.696	ug/l	97
3) Chloromethane	1.523	50	17230	5.716	ug/l	98
4) Vinyl Chloride	1.610	62	15016	5.884	ug/l	99
5) Bromomethane	1.835	94	7199	6.836	ug/l	98
6) Chloroethane	1.919	64	9397	5.491	ug/l	100
7) Trichlorofluoromethane	2.134	101	17679	5.759	ug/l	99
8) Diethyl Ether	2.382	74	7464	5.944	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.584	101	10569	5.652	ug/l	98
10) Methyl Iodide	2.726	142	9143	4.239	ug/l	97
11) Tert butyl alcohol	3.202	59	24127	37.193	ug/l #	82
12) 1,1-Dichloroethene	2.581	96	10803	5.795	ug/l	96
13) Acrolein	2.491	56	12302	32.445	ug/l	97
14) Allyl chloride	2.929	41	20232	5.816	ug/l	99
15) Acrylonitrile	3.321	53	40110	29.903	ug/l	100
16) Acetone	2.633	43	39017	29.448	ug/l	97
17) Carbon Disulfide	2.797	76	34278	5.726	ug/l	99
18) Methyl Acetate	2.954	43	19181	6.184	ug/l	97
19) Methyl tert-butyl Ether	3.372	73	34543	6.068	ug/l	99
20) Methylene Chloride	3.051	84	14365	5.545	ug/l	95
21) trans-1,2-Dichloroethene	3.359	96	12163	5.906	ug/l	98
22) Diisopropyl ether	3.999	45	36100	6.028	ug/l	89
23) Vinyl Acetate	3.964	43	160751	28.284	ug/l	99
24) 1,1-Dichloroethane	3.877	63	23509	5.907	ug/l	98
25) 2-Butanone	4.713	43	58149	28.891	ug/l	98
26) 2,2-Dichloropropane	4.671	77	18155	5.776	ug/l	97
27) cis-1,2-Dichloroethene	4.674	96	14077	6.128	ug/l	99
28) Bromochloromethane	4.980	49	9626	5.070	ug/l #	97
29) Tetrahydrofuran	5.060	42	32177	29.410	ug/l	98
30) Chloroform	5.096	83	23150	5.956	ug/l	97
31) Cyclohexane	5.391	56	21718	6.382	ug/l #	85
32) 1,1,1-Trichloroethane	5.324	97	18621	5.762	ug/l	97
36) 1,1-Dichloropropene	5.536	75	16990	5.542	ug/l	98
37) Ethyl Acetate	4.813	43	20883	5.689	ug/l	99
38) Carbon Tetrachloride	5.530	117	15883	5.739	ug/l	93
39) Methylcyclohexane	6.771	83	17649	5.397	ug/l	99
40) Benzene	5.780	78	53142	5.850	ug/l	97

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Quant Time: Jun 10 05:36:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	10804	5.749	ug/l	98
42) 1,2-Dichloroethane	5.803	62	18119	5.652	ug/l	99
43) Isopropyl Acetate	5.919	43	30508	5.857	ug/l	98
44) Trichloroethene	6.549	130	12310	5.881	ug/l	96
45) 1,2-Dichloropropane	6.800	63	13625	5.522	ug/l	99
46) Dibromomethane	6.925	93	8952	5.628	ug/l	99
47) Bromodichloromethane	7.112	83	17545	5.606	ug/l	98
48) Methyl methacrylate	6.967	41	14240	5.618	ug/l	98
49) 1,4-Dioxane	6.973	88	7725	116.524	ug/l	97
51) 4-Methyl-2-Pentanone	7.800	43	113310	30.057	ug/l	99
52) Toluene	7.977	92	31138	5.783	ug/l	98
53) t-1,3-Dichloropropene	8.218	75	19538	5.706	ug/l	97
54) cis-1,3-Dichloropropene	7.613	75	21059	5.700	ug/l	98
55) 1,1,2-Trichloroethane	8.407	97	13487	5.964	ug/l	98
56) Ethyl methacrylate	8.340	69	19311	5.590	ug/l	99
57) 1,3-Dichloropropane	8.581	76	24124	6.012	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.469	63	24184	35.387	ug/l	99
59) 2-Hexanone	8.694	43	88102	29.284	ug/l	96
60) Dibromochloromethane	8.816	129	13096	5.823	ug/l	98
61) 1,2-Dibromoethane	8.931	107	13732	5.773	ug/l	98
64) Tetrachloroethene	8.559	164	10736	5.742	ug/l	96
65) Chlorobenzene	9.452	112	33988	5.844	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	11839	5.828	ug/l	98
67) Ethyl Benzene	9.575	91	59721	5.717	ug/l	100
68) m/p-Xylenes	9.700	106	44819	11.487	ug/l	100
69) o-Xylene	10.108	106	20787	5.619	ug/l	99
70) Styrene	10.121	104	35169	5.458	ug/l	99
71) Bromoform	10.298	173	9735	5.632	ug/l #	99
73) Isopropylbenzene	10.491	105	57384	6.004	ug/l	99
74) N-amyl acetate	10.327	43	23057	5.372	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	25560	6.143	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	27968	5.844	ug/l	98
77) Bromobenzene	10.790	156	14667	6.104	ug/l	98
78) n-propylbenzene	10.912	91	70295	5.651	ug/l	99
79) 2-Chlorotoluene	10.993	91	44325	6.015	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	49478	5.819	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	7242	5.486	ug/l	96
82) 4-Chlorotoluene	11.105	91	52397	6.020	ug/l	99
83) tert-Butylbenzene	11.427	119	46751	5.861	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	49651	5.812	ug/l	100
85) sec-Butylbenzene	11.652	105	60917	5.815	ug/l	99
86) p-Isopropyltoluene	11.800	119	51394	5.726	ug/l	98
87) 1,3-Dichlorobenzene	11.751	146	28913	6.130	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	29583	5.893	ug/l	95
89) n-Butylbenzene	12.214	91	47864	5.251	ug/l	99
90) Hexachloroethane	12.481	117	8132	5.725	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	27835	5.870	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.002	75	5604	5.955	ug/l	94
93) 1,2,4-Trichlorobenzene	13.848	180	16293	5.459	ug/l	99
94) Hexachlorobutadiene	14.028	225	9509	5.937	ug/l	98
95) Naphthalene	14.095	128	51636	7.691	ug/l	99
96) 1,2,3-Trichlorobenzene	14.336	180	16157	5.583	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

