

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060921\
 Data File : VU044134.D
 Acq On : 09 Jun 2021 11:47
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 10 04:47:32 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	156518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	271750	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	263395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	143576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	50290	19.146	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.300%	
35) Dibromofluoromethane	5.298	113	38508	18.974	ug/l	0.00
Spiked Amount 50.000			Recovery	=	37.940%	
50) Toluene-d8	7.906	98	148362	20.419	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.840%	
62) 4-Bromofluorobenzene	10.639	95	55989	19.282	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.560%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	46721	27.395	ug/l	98
3) Chloromethane	1.523	50	55509	26.877	ug/l	100
4) Vinyl Chloride	1.607	62	53350	28.238	ug/l	99
5) Bromomethane	1.842	94	30270	30.256	ug/l	98
6) Chloroethane	1.929	64	32281	23.010	ug/l	98
7) Trichlorofluoromethane	2.138	101	65388	21.725	ug/l	99
8) Diethyl Ether	2.382	74	26057	25.872	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.584	101	39909	25.096	ug/l	99
10) Methyl Iodide	2.729	142	46396	22.401	ug/l	100
11) Tert butyl alcohol	3.195	59	63024	94.198	ug/l	99
12) 1,1-Dichloroethene	2.584	96	38365	25.113	ug/l	99
13) Acrolein	2.491	56	35517	93.109	ug/l	97
14) Allyl chloride	2.929	41	70499	19.775	ug/l	98
15) Acrylonitrile	3.321	53	140509	96.578	ug/l	100
16) Acetone	2.633	43	143484	88.797	ug/l	99
17) Carbon Disulfide	2.797	76	122746	25.859	ug/l	100
18) Methyl Acetate	2.954	43	65520	19.916	ug/l	100
19) Methyl tert-butyl Ether	3.372	73	122023	20.981	ug/l	100
20) Methylene Chloride	3.054	84	49617	25.389	ug/l	99
21) trans-1,2-Dichloroethene	3.359	96	43239	24.327	ug/l	98
22) Diisopropyl ether	4.002	45	131744	19.634	ug/l	95
23) Vinyl Acetate	3.964	43	610495	94.308	ug/l	100
24) 1,1-Dichloroethane	3.877	63	83706	23.712	ug/l	99
25) 2-Butanone	4.710	43	209992	89.905	ug/l	98
26) 2,2-Dichloropropane	4.674	77	66960	22.128	ug/l	97
27) cis-1,2-Dichloroethene	4.674	96	49173	24.612	ug/l	99
28) Bromochloromethane	4.980	49	40428	22.574	ug/l	100
29) Tetrahydrofuran	5.060	42	117100	80.761	ug/l	99
30) Chloroform	5.099	83	83329	22.658	ug/l	100
31) Cyclohexane	5.395	56	73289	22.287	ug/l	97
32) 1,1,1-Trichloroethane	5.324	97	67314	20.940	ug/l	99
36) 1,1-Dichloropropene	5.533	75	62928	21.823	ug/l	99
37) Ethyl Acetate	4.809	43	74026	15.625	ug/l	99
38) Carbon Tetrachloride	5.533	117	56930	18.910	ug/l	98
39) Methylcyclohexane	6.771	83	65825	20.832	ug/l	99
40) Benzene	5.784	78	189564	22.782	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	38589	15.490	ug/l	98
42) 1,2-Dichloroethane	5.803	62	66245	18.678	ug/l	100
43) Isopropyl Acetate	5.919	43	105465	15.699	ug/l	99
44) Trichloroethene	6.549	130	43123	20.811	ug/l	99
45) 1,2-Dichloropropane	6.800	63	50859	22.196	ug/l	98
46) Dibromomethane	6.925	93	31885	19.894	ug/l	99
47) Bromodichloromethane	7.115	83	63261	19.996	ug/l	99
48) Methyl methacrylate	6.967	41	50716	15.124	ug/l	98
49) 1,4-Dioxane	6.973	88	26459	381.984	ug/l	96
51) 4-Methyl-2-Pentanone	7.800	43	380853	76.759	ug/l	99
52) Toluene	7.977	92	113656	22.164	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	68887	19.617	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	76917	21.336	ug/l	98
55) 1,1,2-Trichloroethane	8.407	97	46564	21.263	ug/l	99
56) Ethyl methacrylate	8.340	69	68778	19.263	ug/l	99
57) 1,3-Dichloropropane	8.581	76	82831	21.809	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	104847	85.556	ug/l	98
59) 2-Hexanone	8.690	43	300616	74.292	ug/l	99
60) Dibromochloromethane	8.816	129	45280	18.376	ug/l	99
61) 1,2-Dibromoethane	8.928	107	48442	19.940	ug/l	100
64) Tetrachloroethene	8.562	164	38365	20.255	ug/l	99
65) Chlorobenzene	9.452	112	116270	20.649	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	39621	18.711	ug/l	99
67) Ethyl Benzene	9.578	91	214435	21.023	ug/l	99
68) m/p-Xylenes	9.700	106	165002	43.663	ug/l	100
69) o-Xylene	10.108	106	76874	20.893	ug/l	99
70) Styrene	10.121	104	133476	21.471	ug/l	99
71) Bromoform	10.298	173	32409	15.145	ug/l #	99
73) Isopropylbenzene	10.491	105	207137	21.236	ug/l	100
74) N-amyl acetate	10.327	43	84746	14.277	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	82878	19.766	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	95544	21.952	ug/l	100
77) Bromobenzene	10.787	156	49188	18.501	ug/l	98
78) n-propylbenzene	10.912	91	265261	22.547	ug/l	100
79) 2-Chlorotoluene	10.992	91	156966	22.033	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	188823	21.990	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	25710	18.181	ug/l	98
82) 4-Chlorotoluene	11.102	91	189037	22.099	ug/l	99
83) tert-Butylbenzene	11.427	119	167041	19.934	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	191155	21.636	ug/l	100
85) sec-Butylbenzene	11.652	105	225633	22.530	ug/l	100
86) p-Isopropyltoluene	11.800	119	196311	21.498	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	97528	20.058	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	99500	19.661	ug/l	99
89) n-Butylbenzene	12.214	91	185750	21.656	ug/l	99
90) Hexachloroethane	12.481	117	28482	17.210	ug/l	97
91) 1,2-Dichlorobenzene	12.217	146	96991	19.626	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.002	75	18666	16.267	ug/l	94
93) 1,2,4-Trichlorobenzene	13.848	180	59078	17.896	ug/l	99
94) Hexachlorobutadiene	14.028	225	33169	18.596	ug/l	100
95) Naphthalene	14.092	128	177738	17.690	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	58334	18.038	ug/l	99

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

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