

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049398.D
 Acq On : 27 Jun 2022 11:25
 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 27 13:00:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 12:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	168131	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	284651	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	259544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	132590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	52167	19.878	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	39.760%#		
35) Dibromofluoromethane	5.289	113	39555	19.584	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.160%#		
50) Toluene-d8	7.896	98	142347	19.770	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	39.540%#		
62) 4-Bromofluorobenzene	10.636	95	52919	18.939	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.880%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	57038	19.937	ug/l	99
3) Chloromethane	1.520	50	66162	20.177	ug/l	96
4) Vinyl Chloride	1.601	62	55055	19.496	ug/l	99
5) Bromomethane	1.845	94	17299	22.186	ug/l	97
6) Chloroethane	1.913	64	22002	19.763	ug/l	97
7) Trichlorofluoromethane	2.118	101	70611	20.063	ug/l	98
8) Diethyl Ether	2.376	74	24551	20.365	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.568	101	38875	20.200	ug/l	94
10) Methyl Iodide	2.713	142	31371	21.887	ug/l	92
11) Tert butyl alcohol	3.273	59	52050	94.225	ug/l	# 52
12) 1,1-Dichloroethene	2.568	96	36882	20.307	ug/l	88
13) Acrolein	2.485	56	39794	101.979	ug/l	98
14) Allyl chloride	2.916	41	74297	20.293	ug/l	# 88
15) Acrylonitrile	3.314	53	146026	102.109	ug/l	99
16) Acetone	2.633	43	138501	117.294	ug/l	96
17) Carbon Disulfide	2.781	76	111187	20.418	ug/l	100
18) Methyl Acetate	2.948	43	70456	21.002	ug/l	# 88
19) Methyl tert-butyl Ether	3.366	73	135187	20.043	ug/l	95
20) Methylene Chloride	3.038	84	46009	21.137	ug/l	# 85
21) trans-1,2-Dichloroethene	3.347	96	40042	20.376	ug/l	93
22) Diisopropyl ether	3.993	45	146989	20.707	ug/l	# 76
23) Vinyl Acetate	3.954	43	632368	100.554	ug/l	94
24) 1,1-Dichloroethane	3.864	63	83845	20.834	ug/l	97
25) 2-Butanone	4.707	43	201476	108.436	ug/l	91
26) 2,2-Dichloropropane	4.662	77	68437	20.234	ug/l	98
27) cis-1,2-Dichloroethene	4.665	96	45561	20.155	ug/l	84
28) Bromochloromethane	4.970	49	37427	20.668	ug/l	# 71
29) Tetrahydrofuran	5.054	42	133297	103.864	ug/l	# 85
30) Chloroform	5.086	83	80938	20.545	ug/l	96
31) Cyclohexane	5.385	56	78558	20.579	ug/l	92
32) 1,1,1-Trichloroethane	5.314	97	71590	19.946	ug/l	98
36) 1,1-Dichloropropene	5.523	75	58482	20.012	ug/l	95
37) Ethyl Acetate	4.806	43	77212	18.050	ug/l	96
38) Carbon Tetrachloride	5.523	117	61392	19.718	ug/l	99
39) Methylcyclohexane	6.761	83	72258	19.652	ug/l	90
40) Benzene	5.771	78	178563	20.416	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	40064	20.660	ug/l	89
42) 1,2-Dichloroethane	5.793	62	67282	20.426	ug/l	97
43) Isopropyl Acetate	5.916	43	116158	20.259	ug/l	94
44) Trichloroethene	6.539	130	42120	20.363	ug/l	82
45) 1,2-Dichloropropane	6.790	63	48859	20.478	ug/l	98
46) Dibromomethane	6.919	93	32893	20.097	ug/l	88
47) Bromodichloromethane	7.105	83	63566	20.220	ug/l	99
48) Methyl methacrylate	6.961	41	54647	20.017	ug/l	84
49) 1,4-Dioxane	6.993	88	27526	423.218	ug/l #	1
51) 4-Methyl-2-Pentanone	7.797	43	393653	101.094	ug/l	93
52) Toluene	7.970	92	105480	20.306	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	67126	19.507	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	72423	19.603	ug/l	96
55) 1,1,2-Trichloroethane	8.401	97	43968	19.953	ug/l	96
56) Ethyl methacrylate	8.337	69	72517	19.133	ug/l	90
57) 1,3-Dichloropropane	8.575	76	76132	19.815	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	23690	76.724	ug/l	91
59) 2-Hexanone	8.690	43	306641	102.046	ug/l	93
60) Dibromochloromethane	8.813	129	46087	19.509	ug/l	99
61) 1,2-Dibromoethane	8.925	107	47436	20.359	ug/l	99
64) Tetrachloroethene	8.552	164	34150	20.642	ug/l	89
65) Chlorobenzene	9.449	112	107712	20.510	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	41773	20.388	ug/l	99
67) Ethyl Benzene	9.571	91	197277	20.079	ug/l	97
68) m/p-Xylenes	9.694	106	150628	41.375	ug/l	91
69) o-Xylene	10.102	106	73346	20.133	ug/l	90
70) Styrene	10.115	104	120463	19.875	ug/l	96
71) Bromoform	10.295	173	35890	20.002	ug/l #	98
73) Isopropylbenzene	10.485	105	190735	19.143	ug/l	96
74) N-amyl acetate	10.321	43	98272	19.303	ug/l	92
75) 1,1,2,2-Tetrachloroethane	10.784	83	82885	20.688	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	90923	20.053	ug/l	98
77) Bromobenzene	10.784	156	45680	19.741	ug/l	81
78) n-propylbenzene	10.906	91	229801	19.066	ug/l	96
79) 2-Chlorotoluene	10.986	91	141720	19.506	ug/l	92
80) 1,3,5-Trimethylbenzene	11.089	105	165849	19.153	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.549	75	22971	18.322	ug/l	87
82) 4-Chlorotoluene	11.099	91	159904	19.401	ug/l	93
83) tert-Butylbenzene	11.420	119	164216	19.144	ug/l	93
84) 1,2,4-Trimethylbenzene	11.468	105	162407	18.795	ug/l	96
85) sec-Butylbenzene	11.642	105	205631	18.909	ug/l	96
86) p-Isopropyltoluene	11.793	119	163457	18.598	ug/l	94
87) 1,3-Dichlorobenzene	11.745	146	87768	20.112	ug/l	96
88) 1,4-Dichlorobenzene	11.838	146	85416	19.979	ug/l	95
89) n-Butylbenzene	12.208	91	137652	18.035	ug/l	97
90) Hexachloroethane	12.475	117	32354	18.958	ug/l	80
91) 1,2-Dichlorobenzene	12.214	146	90205	20.459	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.996	75	19991	19.764	ug/l	77
93) 1,2,4-Trichlorobenzene	13.838	180	53218	19.044	ug/l	97
94) Hexachlorobutadiene	14.021	225	27344	19.320	ug/l	99
95) Naphthalene	14.086	128	177449	18.328	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	55477	18.781	ug/l	97

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

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