

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012023\
 Data File : VU052751.D
 Acq On : 20 Jan 2023 10:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 20 22:06:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 20 01:04:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	219613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	347426	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	324264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	177548	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	147602	46.668	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.340%
35) Dibromofluoromethane	5.285	113	119054	49.213	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.420%
50) Toluene-d8	7.896	98	444471	48.992	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.980%
62) 4-Bromofluorobenzene	10.629	95	170713	51.512	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.020%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.385	85	121353	46.861	ug/l	98
3) Chloromethane	1.520	50	116954	43.967	ug/l	98
4) Vinyl Chloride	1.604	62	126209	47.572	ug/l	99
5) Bromomethane	1.855	94	61185	46.716	ug/l	99
6) Chloroethane	1.929	64	73332	43.726	ug/l	99
7) Trichlorofluoromethane	2.131	101	194286	47.567	ug/l	100
8) Diethyl Ether	2.372	74	71336	47.980	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.575	101	114403	48.436	ug/l	100
10) Methyl Iodide	2.720	142	102730	48.745	ug/l	99
11) Tert butyl alcohol	3.347	59	128350m	238.165	ug/l	
12) 1,1-Dichloroethene	2.575	96	109928	47.059	ug/l	97
13) Acrolein	2.485	56	129976	262.554	ug/l	98
14) Allyl chloride	2.919	41	177923	48.356	ug/l	98
15) Acrylonitrile	3.311	53	338797	227.844	ug/l	99
16) Acetone	2.633	43	416853	276.537	ug/l	98
17) Carbon Disulfide	2.790	76	316407	45.206	ug/l	98
18) Methyl Acetate	2.945	43	185285	44.412	ug/l	99
19) Methyl tert-butyl Ether	3.359	73	392143	49.549	ug/l	99
20) Methylene Chloride	3.041	84	129121	48.019	ug/l	97
21) trans-1,2-Dichloroethene	3.347	96	122769	48.753	ug/l	96
22) Diisopropyl ether	3.986	45	369186	48.248	ug/l	97
23) Vinyl Acetate	3.948	43	1441947	245.598	ug/l	100
24) 1,1-Dichloroethane	3.864	63	227829	46.945	ug/l	100
25) 2-Butanone	4.703	43	487231	250.623	ug/l	99
26) 2,2-Dichloropropane	4.658	77	194128	48.760	ug/l	99
27) cis-1,2-Dichloroethene	4.662	96	135386	48.977	ug/l	98
28) Bromochloromethane	4.967	49	99268	49.004	ug/l	100
29) Tetrahydrofuran	5.051	42	265278	235.063	ug/l	99
30) Chloroform	5.083	83	233982	45.104	ug/l	99
31) Cyclohexane	5.385	56	208795	47.112	ug/l	100
32) 1,1,1-Trichloroethane	5.311	97	203762	47.955	ug/l	99
36) 1,1-Dichloropropene	5.523	75	175111	50.449	ug/l	99
37) Ethyl Acetate	4.800	43	170446	45.173	ug/l	99
38) Carbon Tetrachloride	5.520	117	177038	49.576	ug/l	99
39) Methylcyclohexane	6.758	83	211813	52.441	ug/l	100
40) Benzene	5.768	78	508625	48.529	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	88868	48.685	ug/l	99
42) 1,2-Dichloroethane	5.790	62	183344	48.446	ug/l	100
43) Isopropyl Acetate	5.909	43	256318	48.735	ug/l	100
44) Trichloroethene	6.539	130	129082	49.793	ug/l	99
45) 1,2-Dichloropropane	6.787	63	130603	48.312	ug/l	99
46) Dibromomethane	6.916	93	88802	47.434	ug/l	99
47) Bromodichloromethane	7.102	83	182618	48.748	ug/l	99
48) Methyl methacrylate	6.957	41	124080	51.773	ug/l	98
49) 1,4-Dioxane	7.022	88	50889	1095.833	ug/l	90
51) 4-Methyl-2-Pentanone	7.793	43	840159	246.822	ug/l	99
52) Toluene	7.967	92	322976	50.954	ug/l	98
53) t-1,3-Dichloropropene	8.208	75	198983	50.850	ug/l	99
54) cis-1,3-Dichloropropene	7.604	75	211507	50.678	ug/l	99
55) 1,1,2-Trichloroethane	8.395	97	124709	48.200	ug/l	98
56) Ethyl methacrylate	8.333	69	196109	47.394	ug/l	99
57) 1,3-Dichloropropane	8.571	76	223962	49.363	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	26899	243.168	ug/l	98
59) 2-Hexanone	8.690	43	687446	262.161	ug/l	99
60) Dibromochloromethane	8.806	129	141458	49.786	ug/l	99
61) 1,2-Dibromoethane	8.919	107	133699	49.221	ug/l	100
64) Tetrachloroethene	8.549	164	112849	50.094	ug/l	99
65) Chlorobenzene	9.443	112	338505	49.333	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	127481	49.561	ug/l	99
67) Ethyl Benzene	9.568	91	600966	51.827	ug/l	100
68) m/p-Xylenes	9.690	106	481646	106.951	ug/l	99
69) o-Xylene	10.099	106	228825	53.225	ug/l	98
70) Styrene	10.112	104	393159	50.098	ug/l	99
71) Bromoform	10.288	173	108173	50.355	ug/l #	98
73) Isopropylbenzene	10.481	105	610124	52.162	ug/l	99
74) N-amyl acetate	10.321	43	221488	49.705	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.780	83	205647	44.377	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	230408	47.554	ug/l	98
77) Bromobenzene	10.780	156	147703	48.826	ug/l	99
78) n-propylbenzene	10.903	91	725264	52.722	ug/l	99
79) 2-Chlorotoluene	10.983	91	432806	50.915	ug/l	99
80) 1,3,5-Trimethylbenzene	11.086	105	520989	53.617	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	62249	49.924	ug/l	99
82) 4-Chlorotoluene	11.092	91	506328	52.258	ug/l	100
83) tert-Butylbenzene	11.417	119	521817	52.321	ug/l	99
84) 1,2,4-Trimethylbenzene	11.465	105	522620	54.188	ug/l	99
85) sec-Butylbenzene	11.639	105	661547	54.188	ug/l	100
86) p-Isopropyltoluene	11.790	119	563189	54.251	ug/l	100
87) 1,3-Dichlorobenzene	11.742	146	287768	49.903	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	290872	49.059	ug/l	99
89) n-Butylbenzene	12.205	91	478651	47.541	ug/l	100
90) Hexachloroethane	12.472	117	95777	48.090	ug/l	98
91) 1,2-Dichlorobenzene	12.211	146	284096	48.854	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.992	75	43660	45.406	ug/l	99
93) 1,2,4-Trichlorobenzene	13.835	180	177555	52.279	ug/l	99
94) Hexachlorobutadiene	14.018	225	95931	50.959	ug/l	98
95) Naphthalene	14.082	128	506962	45.201	ug/l	100
96) 1,2,3-Trichlorobenzene	14.327	180	172423	51.139	ug/l	99

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

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