

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092122\
 Data File : VU050882.D
 Acq On : 21 Sep 2022 18:00
 Operator : JC/MD
 Sample : VIBLK136
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK136

Quant Time: Sep 22 02:14:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 22 02:11:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	366070	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	343284	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	157721	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	141595	37.333	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.660%
7) Chloroethane-d5	1.903	69	121440	44.959	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.920%
11) 1,1-Dichloroethene-d2	2.565	63	257293	43.598	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.200%
21) 2-Butanone-d5	4.626	46	305164	124.629	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.630%
24) Chloroform-d	5.063	84	273135	45.954	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.900%
26) 1,2-Dichloroethane-d4	5.700	65	167319	45.679	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.360%
32) Benzene-d6	5.726	84	524326	46.371	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.740%
36) 1,2-Dichloropropane-d6	6.690	67	179668	47.075	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.140%
41) Toluene-d8	7.896	98	463280	46.873	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.740%
43) trans-1,3-Dichloroprop...	8.179	79	73982	44.558	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.120%
47) 2-Hexanone-d5	8.632	63	176703	112.347	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.350%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	278971	47.942	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.880%
66) 1,2-Dichlorobenzene-d4	12.192	152	152730	46.250	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	190619	50.288	ug/L	99
3) Chloromethane	1.520	50	216906	49.222	ug/L	99
5) Vinyl chloride	1.600	62	234754	54.415	ug/L	96
6) Bromomethane	1.851	94	113753	52.193	ug/L	95
8) Chloroethane	1.925	64	151545	63.445	ug/L	99
9) Trichlorofluoromethane	2.134	101	253499	54.172	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	159627	53.295	ug/L	99
12) 1,1-Dichloroethene	2.575	96	143696	51.059	ug/L	95
13) Acetone	2.633	43	221476	106.823	ug/L	100
14) Carbon disulfide	2.790	76	440099	49.453	ug/L	99
15) Methyl Acetate	2.948	43	225010	57.508	ug/L	98
16) Methylene chloride	3.041	84	173141	44.308	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	147475	51.127	ug/L	96
18) Methyl tert-butyl Ether	3.362	73	437915	49.800	ug/L	99
19) 1,1-Dichloroethane	3.867	63	381066	65.381	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	200439	62.671	ug/L	99
22) 2-Butanone	4.703	43	349660	127.944	ug/L	99
23) Bromochloromethane	4.973	128	83734	49.954	ug/L	97
25) Chloroform	5.086	83	299604	51.579	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092122\
 Data File : VU050882.D
 Acq On : 21 Sep 2022 18:00
 Operator : JC/MD
 Sample : VIBLK136
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK136

Quant Time: Sep 22 02:14:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 22 02:11:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	231226	52.381	ug/L	100
29) Cyclohexane	5.388	56	252433	53.434	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	274987	60.212	ug/L	100
31) Carbon tetrachloride	5.523	117	208769	55.027	ug/L	100
33) Benzene	5.774	78	679218	53.764	ug/L	100
34) Trichloroethene	6.539	95	159761	54.441	ug/L	98
35) Methylcyclohexane	6.764	83	252116	53.320	ug/L	99
37) 1,2-Dichloropropane	6.790	63	181754	52.576	ug/L	100
38) Bromodichloromethane	7.105	83	216803	52.637	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	228317	49.354	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	578149	121.351	ug/L	100
42) Toluene	7.967	91	685402	54.651	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	227485	51.693	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	167946	52.717	ug/L	98
46) Tetrachloroethene	8.552	164	111149	52.707	ug/L	99
48) 2-Hexanone	8.684	43	503709	126.528	ug/L	100
49) Dibromochloromethane	8.809	129	165311	52.921	ug/L	100
50) 1,2-Dibromoethane	8.922	107	175204	53.006	ug/L	99
51) Chlorobenzene	9.446	112	386009	50.415	ug/L	99
52) Ethylbenzene	9.571	91	642593	51.360	ug/L	100
53) m,p-Xylene	9.693	106	247009	53.103	ug/L	98
54) o-Xylene	10.099	106	245692	53.012	ug/L	99
55) Styrene	10.111	104	422003	53.108	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	302185	51.262	ug/L	100
59) Bromoform	10.291	173	123019	54.040	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	250362	56.435	ug/L	99
61) Isopropylbenzene	10.484	105	616780	54.721	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	488916	52.766	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	481526	52.477	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	258688	50.188	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	254300	48.597	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	276798	50.718	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	76313	62.544	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	170070	47.159	ug/L	96
70) 1,2,4-trichlorobenzene	13.838	180	132001	44.727	ug/L	98
71) Naphthalene	14.086	128	542742	47.851	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	158430	47.965	ug/L	100

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

