

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012623\
 Data File : VU052816.D
 Acq On : 26 Jan 2023 14:13
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV072

Quant Time: Jan 27 04:28:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 04:23:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	295445	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	283041	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	159688	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	96438	45.351	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.700%
7) Chloroethane-d5	1.912	69	79954	45.631	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.260%
11) 1,1-Dichloroethene-d2	2.565	63	196795	46.529	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.060%
21) 2-Butanone-d5	4.623	46	127581	97.120	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.120%
24) Chloroform-d	5.057	84	210935	46.479	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.960%
26) 1,2-Dichloroethane-d4	5.697	65	135777	46.856	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.720%
32) Benzene-d6	5.722	84	413511	47.819	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.640%
36) 1,2-Dichloropropane-d6	6.684	67	122700	48.380	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.760%
41) Toluene-d8	7.893	98	384716	48.858	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.720%
43) trans-1,3-Dichloroprop...	8.173	79	62673	49.304	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.600%
47) 2-Hexanone-d5	8.636	63	93096	104.470	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.470%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	177823	47.456	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.920%
66) 1,2-Dichlorobenzene-d4	12.188	152	151132	48.741	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	124937	45.161	ug/L	98
3) Chloromethane	1.517	50	104082	45.616	ug/L	100
5) Vinyl chloride	1.604	62	115457	45.740	ug/L	99
6) Bromomethane	1.858	94	72275	45.401	ug/L	98
8) Chloroethane	1.932	64	72136	45.499	ug/L	97
9) Trichlorofluoromethane	2.131	101	190934	45.160	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	106283	44.599	ug/L	98
12) 1,1-Dichloroethene	2.575	96	99504	45.527	ug/L	95
13) Acetone	2.636	43	136499	85.079	ug/L	99
14) Carbon disulfide	2.790	76	301076	45.610	ug/L	100
15) Methyl Acetate	2.948	43	101563	46.983	ug/L	97
16) Methylene chloride	3.041	84	116371	44.760	ug/L	95
17) trans-1,2-Dichloroethene	3.346	96	107495	45.512	ug/L	99
18) Methyl tert-butyl Ether	3.356	73	332334	47.852	ug/L	99
19) 1,1-Dichloroethane	3.864	63	194318	46.911	ug/L	98
20) cis-1,2-Dichloroethene	4.661	96	119181	47.261	ug/L	98
22) 2-Butanone	4.703	43	161848	94.379	ug/L	100
23) Bromochloromethane	4.970	128	65290	46.106	ug/L	99
25) Chloroform	5.083	83	214766	46.185	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012623\
 Data File : VU052816.D
 Acq On : 26 Jan 2023 14:13
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV072

Quant Time: Jan 27 04:28:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 04:23:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	171039	46.461	ug/L	100
29) Cyclohexane	5.385	56	166072	49.514	ug/L	99
30) 1,1,1-Trichloroethane	5.311	97	194876	46.808	ug/L	100
31) Carbon tetrachloride	5.520	117	167501	46.412	ug/L	98
33) Benzene	5.767	78	460208	47.765	ug/L	100
34) Trichloroethene	6.536	95	114313	46.680	ug/L	98
35) Methylcyclohexane	6.758	83	187723	48.433	ug/L	98
37) 1,2-Dichloropropane	6.787	63	112155	47.348	ug/L	99
38) Bromodichloromethane	7.099	83	161877	46.570	ug/L	97
39) cis-1,3-Dichloropropene	7.603	75	181818	49.000	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	282248	101.139	ug/L	100
42) Toluene	7.964	91	486614	49.280	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	176106	48.294	ug/L	99
45) 1,1,2-Trichloroethane	8.394	97	115072	47.505	ug/L	99
46) Tetrachloroethene	8.549	164	97561	46.266	ug/L	98
48) 2-Hexanone	8.687	43	231956	98.250	ug/L	95
49) Dibromochloromethane	8.806	129	137202	47.364	ug/L	100
50) 1,2-Dibromoethane	8.918	107	123824	47.496	ug/L	98
51) Chlorobenzene	9.443	112	317950	46.802	ug/L	99
52) Ethylbenzene	9.565	91	518915	49.174	ug/L	100
53) m,p-Xylene	9.690	106	212568	49.758	ug/L	99
54) o-xylene	10.095	106	204554	50.157	ug/L	97
55) Styrene	10.111	104	353976	50.580	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.777	83	189294	48.288	ug/L	99
59) Bromoform	10.288	173	102892	47.020	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	149148	48.150	ug/L	99
61) Isopropylbenzene	10.481	105	527550	51.151	ug/L	100
62) 1,3,5-Trimethylbenzene	11.082	105	450178	52.423	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	445536	53.616	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	251837	48.398	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	256094	47.541	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	257040	48.838	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	41212	46.416	ug/L	99
69) 1,3,5-Trichlorobenzene	13.214	180	187030	48.552	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	155242	48.068	ug/L	98
71) Naphthalene	14.082	128	459306	49.488	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	161826	47.413	ug/L	100

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

Quant Time: Jan 27 04:28:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 27 04:23:26 2023
Response via : Initial Calibration

