

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102821\
 Data File : VU045435.D
 Acq On : 28 Oct 2021 13:01
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV030

Quant Time: Oct 29 03:10:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 03:03:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	328995	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	302046	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	151242	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	128243	47.892	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.780%
7) Chloroethane-d5	1.916	69	107943	50.302	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.572	63	231308	48.639	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.280%
21) 2-Butanone-d5	4.633	46	225703	100.720	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.720%
24) Chloroform-d	5.067	84	234725	48.861	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.720%
26) 1,2-Dichloroethane-d4	5.707	65	154937	48.773	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.540%
32) Benzene-d6	5.732	84	471211	50.482	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.960%
36) 1,2-Dichloropropane-d6	6.697	67	152064	50.327	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.660%
41) Toluene-d8	7.903	98	418648	51.412	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.820%
43) trans-1,3-Dichloroprop...	8.182	79	73678	51.900	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.800%
47) 2-Hexanone-d5	8.636	63	168023	104.178	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.180%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	224764	49.569	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.140%
66) 1,2-Dichlorobenzene-d4	12.198	152	152615	49.877	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	144097	49.567	ug/L	99
3) Chloromethane	1.520	50	163655	46.625	ug/L	99
5) Vinyl chloride	1.604	62	160275	48.568	ug/L	100
6) Bromomethane	1.861	94	87657	51.611	ug/L	98
8) Chloroethane	1.935	64	100698	51.653	ug/L	100
9) Trichlorofluoromethane	2.141	101	189748	48.590	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	117205	49.253	ug/L	99
12) 1,1-Dichloroethene	2.584	96	110204	49.077	ug/L	97
13) Acetone	2.642	43	168070	91.448	ug/L	99
14) Carbon disulfide	2.797	76	320570	49.933	ug/L	100
15) Methyl Acetate	2.954	43	154840	49.865	ug/L	99
16) Methylene chloride	3.051	84	133894	48.314	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	117732	49.001	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	418638	49.694	ug/L	100
19) 1,1-Dichloroethane	3.874	63	235313	49.139	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	136253	49.717	ug/L	99
22) 2-Butanone	4.713	43	241598	96.259	ug/L	99
23) Bromochloromethane	4.980	128	65290	49.484	ug/L	100
25) Chloroform	5.092	83	235449	49.133	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102821\
 Data File : VU045435.D
 Acq On : 28 Oct 2021 13:01
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV030

Quant Time: Oct 29 03:10:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 03:03:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	196045	50.010	ug/L	99
29) Cyclohexane	5.395	56	219684	50.736	ug/L	100
30) 1,1,1-Trichloroethane	5.321	97	197523	51.498	ug/L	99
31) Carbon tetrachloride	5.530	117	156015	51.445	ug/L	99
33) Benzene	5.777	78	533020	50.876	ug/L	100
34) Trichloroethene	6.546	95	127852	50.837	ug/L	99
35) Methylcyclohexane	6.768	83	222116	50.828	ug/L	99
37) 1,2-Dichloropropane	6.797	63	139299	50.082	ug/L	99
38) Bromodichloromethane	7.108	83	178192	50.953	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	221652	52.093	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	422098	102.831	ug/L	100
42) Toluene	7.973	91	559616	51.331	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	210660	52.506	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	131818	51.034	ug/L	99
46) Tetrachloroethene	8.559	164	92144	51.651	ug/L	98
48) 2-Hexanone	8.687	43	337476	98.706	ug/L	99
49) Dibromochloromethane	8.816	129	130266	52.337	ug/L	99
50) 1,2-Dibromoethane	8.928	107	139336	51.402	ug/L	100
51) Chlorobenzene	9.449	112	332762	50.513	ug/L	97
52) Ethylbenzene	9.575	91	594951	51.449	ug/L	100
53) m,p-Xylene	9.697	106	230199	52.021	ug/L	98
54) o-xylene	10.102	106	226900	51.770	ug/L	97
55) Styrene	10.118	104	383753	52.116	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	231645	50.483	ug/L	98
59) Bromoform	10.295	173	90030	51.620	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	187275	50.282	ug/L	99
61) Isopropylbenzene	10.488	105	585390	52.360	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	504338	52.967	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	510985	52.803	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	251962	50.962	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	252224	50.427	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	255420	49.916	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	57208	52.610	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	185514	50.870	ug/L	99
70) 1,2,4-trichlorobenzene	13.845	180	174662	52.422	ug/L	99
71) Naphthalene	14.089	128	687425	54.144	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	181483	53.226	ug/L	99

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

Quant Time: Oct 29 03:10:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 29 03:03:47 2021
Response via : Initial Calibration

