

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111522\
 Data File : VU051860.D
 Acq On : 15 Nov 2022 14:37
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV054

Quant Time: Nov 16 01:09:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 16 01:02:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	551587	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	542392	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	280601	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	131696	48.634	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.260%
7) Chloroethane-d5	1.900	69	131057	48.305	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.620%
11) 1,1-Dichloroethene-d2	2.565	63	237817	48.974	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.940%
21) 2-Butanone-d5	4.616	46	299797	97.362	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.360%
24) Chloroform-d	5.060	84	321547	47.369	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.740%
26) 1,2-Dichloroethane-d4	5.697	65	193141	46.480	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.960%
32) Benzene-d6	5.726	84	573612	50.721	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.440%
36) 1,2-Dichloropropane-d6	6.687	67	207091	49.195	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.400%
41) Toluene-d8	7.896	98	486652	52.426	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.860%
43) trans-1,3-Dichloroprop...	8.176	79	83811	49.985	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.980%
47) 2-Hexanone-d5	8.629	63	229798	107.412	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.410%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	395867	48.318	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.640%
66) 1,2-Dichlorobenzene-d4	12.189	152	239621	48.525	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	167758	49.538	ug/L	99
3) Chloromethane	1.523	50	210240	46.749	ug/L	99
5) Vinyl chloride	1.604	62	226369	48.528	ug/L	99
6) Bromomethane	1.835	94	111318	55.082	ug/L	99
8) Chloroethane	1.922	64	143814	47.420	ug/L	99
9) Trichlorofluoromethane	2.131	101	274885	49.220	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	175164	49.767	ug/L	99
12) 1,1-Dichloroethene	2.575	96	161997	49.282	ug/L	97
13) Acetone	2.620	43	254507	77.255	ug/L	98
14) Carbon disulfide	2.790	76	450467	49.464	ug/L	100
15) Methyl Acetate	2.945	43	213843	47.613	ug/L	100
16) Methylene chloride	3.044	84	224055	42.697	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	175900	49.655	ug/L	97
18) Methyl tert-butyl Ether	3.359	73	548180	49.998	ug/L	100
19) 1,1-Dichloroethane	3.867	63	345431	47.911	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	203333	49.183	ug/L	99
22) 2-Butanone	4.697	43	340653	91.559	ug/L	100
23) Bromochloromethane	4.973	128	109244	47.884	ug/L	96
25) Chloroform	5.086	83	358481	47.652	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111522\
 Data File : VU051860.D
 Acq On : 15 Nov 2022 14:37
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV054

Quant Time: Nov 16 01:09:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 16 01:02:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	272713	49.057	ug/L	100
29) Cyclohexane	5.385	56	263537	56.949	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	282023	51.429	ug/L	99
31) Carbon tetrachloride	5.520	117	233531	50.940	ug/L	99
33) Benzene	5.771	78	812797	52.096	ug/L	100
34) Trichloroethene	6.539	95	186683	50.506	ug/L	98
35) Methylcyclohexane	6.761	83	287077	57.279	ug/L	99
37) 1,2-Dichloropropane	6.787	63	221142	50.056	ug/L	100
38) Bromodichloromethane	7.102	83	272471	49.296	ug/L	98
39) cis-1,3-Dichloropropene	7.603	75	304943	52.767	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	619030	106.403	ug/L	99
42) Toluene	7.967	91	872478	54.369	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	287549	51.926	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	221939	49.435	ug/L	99
46) Tetrachloroethene	8.552	164	143324	48.553	ug/L	99
48) 2-Hexanone	8.681	43	521563	104.384	ug/L	98
49) Dibromochloromethane	8.806	129	227729	49.196	ug/L	98
50) 1,2-Dibromoethane	8.922	107	224891	49.760	ug/L	99
51) Chlorobenzene	9.443	112	550588	50.211	ug/L	100
52) Ethylbenzene	9.568	91	889504	54.162	ug/L	100
53) m,p-Xylene	9.690	106	356092	56.015	ug/L	99
54) o-Xylene	10.099	106	356891	55.160	ug/L	100
55) Styrene	10.111	104	616315	55.205	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	415813	49.014	ug/L	99
59) Bromoform	10.288	173	176836	46.481	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	312622	46.575	ug/L	99
61) Isopropylbenzene	10.481	105	895139	54.582	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	744138	55.685	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	728890	55.827	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	424157	51.030	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	421895	50.122	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	434263	49.132	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	81177	47.236	ug/L	97
69) 1,3,5-Trichlorobenzene	13.214	180	280892	50.937	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	228864	52.360	ug/L	100
71) Naphthalene	14.082	128	820524	57.078	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	257141	53.749	ug/L	100

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

