

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102522\
 Data File : VU051484.D
 Acq On : 25 Oct 2022 12:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050116

Quant Time: Oct 27 01:24:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 20 21:53:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	486991	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	489247	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	254111	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	162008	41.926	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.860%
7) Chloroethane-d5	1.900	69	140910	44.264	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.520%
11) 1,1-Dichloroethene-d2	2.565	63	290071	44.098	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.200%
21) 2-Butanone-d5	4.620	46	248782	91.333	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.330%
24) Chloroform-d	5.060	84	325396	45.847	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.700%
26) 1,2-Dichloroethane-d4	5.700	65	202142	45.812	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.620%
32) Benzene-d6	5.726	84	647148	48.845	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.680%
36) 1,2-Dichloropropane-d6	6.690	67	213964	49.177	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.360%
41) Toluene-d8	7.896	98	597799	49.501	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.179	79	92788	50.085	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.160%
47) 2-Hexanone-d5	8.632	63	183859	96.211	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.210%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	353525	46.773	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.540%
66) 1,2-Dichlorobenzene-d4	12.192	152	229201	48.182	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	197328	46.364	ug/L	99
3) Chloromethane	1.527	50	254814	46.842	ug/L	98
5) Vinyl chloride	1.604	62	253760	47.133	ug/L	100
6) Bromomethane	1.835	94	156451	55.909	ug/L	99
8) Chloroethane	1.922	64	157971	49.098	ug/L	100
9) Trichlorofluoromethane	2.131	101	292478	46.956	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	182058	47.821	ug/L	99
12) 1,1-Dichloroethene	2.575	96	170926	47.360	ug/L	96
13) Acetone	2.623	43	283571	91.361	ug/L	97
14) Carbon disulfide	2.790	76	555609	47.265	ug/L	100
15) Methyl Acetate	2.945	43	220499	46.974	ug/L	99
16) Methylene chloride	3.044	84	241165	50.907	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	183879	49.540	ug/L	98
18) Methyl tert-butyl Ether	3.362	73	550623	51.877	ug/L	99
19) 1,1-Dichloroethane	3.867	63	356665	48.718	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	201969	49.875	ug/L	99
22) 2-Butanone	4.697	43	358567	99.540	ug/L	99
23) Bromochloromethane	4.970	128	115422	50.802	ug/L	97
25) Chloroform	5.086	83	370897	49.140	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	289255	49.355	ug/L	100
29) Cyclohexane	5.388	56	274864	53.473	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	287392	49.525	ug/L	99
31) Carbon tetrachloride	5.523	117	249357	50.893	ug/L	100
33) Benzene	5.771	78	815449	50.986	ug/L	100
34) Trichloroethene	6.539	95	190932	49.471	ug/L	96
35) Methylcyclohexane	6.761	83	298807	54.121	ug/L	98
37) 1,2-Dichloropropane	6.790	63	227655	51.904	ug/L	100
38) Bromodichloromethane	7.105	83	289331	51.818	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	308106	53.281	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	608888	103.897	ug/L	99
42) Toluene	7.967	91	889423	54.191	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	298347	53.016	ug/L	97
45) 1,1,2-Trichloroethane	8.398	97	223800	51.124	ug/L	99
46) Tetrachloroethene	8.552	164	150763	52.333	ug/L	98
48) 2-Hexanone	8.684	43	512408	102.319	ug/L	99
49) Dibromochloromethane	8.809	129	238798	53.297	ug/L	95
50) 1,2-Dibromoethane	8.922	107	235280	52.450	ug/L	99
51) Chlorobenzene	9.446	112	548186	51.004	ug/L	100
52) Ethylbenzene	9.568	91	876984	52.987	ug/L	98
53) m,p-Xylene	9.693	106	356126	55.823	ug/L	99
54) o-Xylene	10.099	106	348590	55.086	ug/L	96
55) Styrene	10.115	104	623141	56.667	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.780	83	407381	48.770	ug/L	100
59) Bromoform	10.288	173	182340	51.521	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	317598	48.228	ug/L	99
61) Isopropylbenzene	10.484	105	866000	54.268	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	729672	53.827	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	744638	55.787	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	422312	51.844	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	427575	51.041	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	441585	52.042	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	86841	48.859	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	280352	51.305	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	219326	52.133	ug/L	99
71) Naphthalene	14.086	128	760384	56.470	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	250670	55.507	ug/L	98

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

