

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082422\
 Data File : VU050436.D
 Acq On : 24 Aug 2022 19:58
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050175

Quant Time: Aug 25 05:34:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 25 05:03:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	343526	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	333046	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	154408	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	170550	41.987	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.980%
7) Chloroethane-d5	1.893	69	131332	43.695	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.559	63	247696	43.149	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.300%
21) 2-Butanone-d5	4.623	46	264256	99.392	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.390%
24) Chloroform-d	5.063	84	293036	44.941	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.880%
26) 1,2-Dichloroethane-d4	5.700	65	184842	45.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.220%
32) Benzene-d6	5.726	84	589753	47.924	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.840%
36) 1,2-Dichloropropane-d6	6.690	67	191463	46.965	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.940%
41) Toluene-d8	7.896	98	515254	47.851	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.700%
43) trans-1,3-Dichloroprop...	8.179	79	77588	45.626	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.260%
47) 2-Hexanone-d5	8.632	63	162831	107.630	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.630%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	308076	48.995	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	177371	48.088	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	124510	46.368	ug/L	100
3) Chloromethane	1.517	50	152235	48.713	ug/L	98
5) Vinyl chloride	1.601	62	147048	48.119	ug/L	100
6) Bromomethane	1.829	94	55518	49.132	ug/L	98
8) Chloroethane	1.916	64	91857	49.478	ug/L	98
9) Trichlorofluoromethane	2.125	101	182971	47.061	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	110471	46.344	ug/L	99
12) 1,1-Dichloroethene	2.572	96	101974	48.391	ug/L	98
13) Acetone	2.626	43	150369	86.018	ug/L	100
14) Carbon disulfide	2.784	76	246243	45.792	ug/L	99
15) Methyl Acetate	2.945	43	159744	50.791	ug/L	98
16) Methylene chloride	3.041	84	143121	48.732	ug/L	99
17) trans-1,2-Dichloroethene	3.346	96	109053	49.228	ug/L	95
18) Methyl tert-butyl Ether	3.363	73	380915	54.328	ug/L	99
19) 1,1-Dichloroethane	3.864	63	238990	49.797	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	137791	51.942	ug/L	99
22) 2-Butanone	4.703	43	242841	102.501	ug/L	99
23) Bromochloromethane	4.973	128	72921	50.329	ug/L	98
25) Chloroform	5.086	83	251744	49.237	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	191477	50.204	ug/L	99
29) Cyclohexane	5.388	56	160986	52.547	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	193266	50.721	ug/L	100
31) Carbon tetrachloride	5.523	117	152554	48.787	ug/L	99
33) Benzene	5.771	78	538916	53.445	ug/L	100
34) Trichloroethene	6.539	95	120722	50.578	ug/L	99
35) Methylcyclohexane	6.764	83	162845	48.792	ug/L	99
37) 1,2-Dichloropropane	6.790	63	154269	52.670	ug/L	100
38) Bromodichloromethane	7.105	83	190314	50.929	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	198008	51.480	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	451021	115.875	ug/L	99
42) Toluene	7.970	91	554750	54.605	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	184928	51.581	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	148188	51.417	ug/L	96
46) Tetrachloroethene	8.552	164	84700	48.316	ug/L	98
48) 2-Hexanone	8.684	43	377241	116.056	ug/L	98
49) Dibromochloromethane	8.809	129	150274	50.336	ug/L	97
50) 1,2-Dibromoethane	8.922	107	148159	51.440	ug/L	98
51) Chlorobenzene	9.446	112	339661	50.947	ug/L	99
52) Ethylbenzene	9.571	91	539872	52.725	ug/L	99
53) m,p-Xylene	9.693	106	207552	54.279	ug/L	99
54) o-Xylene	10.102	106	210021	55.284	ug/L	100
55) Styrene	10.115	104	369665	57.186	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	282717	53.684	ug/L	99
59) Bromoform	10.291	173	112926	51.071	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	213900	53.757	ug/L	99
61) Isopropylbenzene	10.484	105	517297	54.164	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	415469	53.876	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	415875	55.292	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	238435	51.059	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	236467	50.282	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	259373	52.818	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	54914	51.928	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	156381	48.581	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	128304	49.770	ug/L	100
71) Naphthalene	14.089	128	459105	54.290	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	146248	51.907	ug/L	99

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

