

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092622\
 Data File : VU050936.D
 Acq On : 26 Sep 2022 09:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050095

Quant Time: Sep 26 20:49:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 24 00:22:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	424701	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	418872	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	214469	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	168597	38.316	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.640%
7) Chloroethane-d5	1.909	69	136163	43.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.900%
11) 1,1-Dichloroethene-d2	2.568	63	294936	43.077	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.160%
21) 2-Butanone-d5	4.617	46	296067	104.221	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.220%
24) Chloroform-d	5.063	84	322587	46.781	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.560%
26) 1,2-Dichloroethane-d4	5.700	65	201713	47.466	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.940%
32) Benzene-d6	5.726	84	626036	45.375	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.760%
36) 1,2-Dichloropropane-d6	6.690	67	210346	45.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.340%
41) Toluene-d8	7.896	98	568708	47.156	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.320%
43) trans-1,3-Dichloroprop...	8.179	79	76493	37.757	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.520%
47) 2-Hexanone-d5	8.632	63	176513	91.974	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.970%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	329810	46.451	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.900%
66) 1,2-Dichlorobenzene-d4	12.192	152	206862	46.067	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	208201	47.344	ug/L	100
3) Chloromethane	1.520	50	234640	45.895	ug/L	99
5) Vinyl chloride	1.604	62	241514	48.254	ug/L	100
6) Bromomethane	1.851	94	136248	53.884	ug/L	98
8) Chloroethane	1.932	64	143149	51.657	ug/L	98
9) Trichlorofluoromethane	2.138	101	283354	52.193	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	174505	50.219	ug/L	99
12) 1,1-Dichloroethene	2.581	96	161198	49.371	ug/L	90
13) Acetone	2.623	43	218610	90.884	ug/L	99
14) Carbon disulfide	2.793	76	495375	47.980	ug/L	99
15) Methyl Acetate	2.945	43	232862	51.299	ug/L	96
16) Methylene chloride	3.044	84	205475	45.323	ug/L	96
17) trans-1,2-Dichloroethene	3.353	96	167391	50.020	ug/L	99
18) Methyl tert-butyl Ether	3.363	73	497423	48.758	ug/L	99
19) 1,1-Dichloroethane	3.867	63	334343	49.445	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	188220	50.726	ug/L	96
22) 2-Butanone	4.697	43	339785	107.167	ug/L	100
23) Bromochloromethane	4.977	128	100116	51.482	ug/L	94
25) Chloroform	5.089	83	346334	51.393	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	260640	50.893	ug/L	99
29) Cyclohexane	5.391	56	268791	46.630	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	284509	51.055	ug/L	99
31) Carbon tetrachloride	5.526	117	238383	51.494	ug/L	99
33) Benzene	5.774	78	765748	49.675	ug/L	100
34) Trichloroethene	6.543	95	189014	52.787	ug/L	98
35) Methylcyclohexane	6.764	83	271588	47.073	ug/L	99
37) 1,2-Dichloropropane	6.790	63	207401	49.168	ug/L	99
38) Bromodichloromethane	7.105	83	260072	51.748	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	212074	37.570	ug/L	96
40) 4-Methyl-2-pentanone	7.790	43	613449	105.525	ug/L	100
42) Toluene	7.970	91	812792	53.113	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	217028	40.417	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	198325	51.019	ug/L	98
46) Tetrachloroethene	8.552	164	127871	49.694	ug/L	98
48) 2-Hexanone	8.681	43	518745	106.791	ug/L	100
49) Dibromochloromethane	8.809	129	200229	52.532	ug/L	100
50) 1,2-Dibromoethane	8.922	107	207358	51.413	ug/L	100
51) Chlorobenzene	9.446	112	470301	50.340	ug/L	99
52) Ethylbenzene	9.571	91	778858	51.018	ug/L	99
53) m,p-Xylene	9.694	106	300065	52.868	ug/L	99
54) o-Xylene	10.099	106	293082	51.826	ug/L	98
55) Styrene	10.111	104	533174	54.990	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	341307	47.450	ug/L	99
59) Bromoform	10.288	173	149792	48.390	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	282043	46.754	ug/L	99
61) Isopropylbenzene	10.484	105	750986	48.998	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	618204	49.066	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	627921	50.324	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	347022	49.512	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	352007	49.469	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	363376	48.964	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	88383	53.270	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	236724	48.273	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	191113	47.622	ug/L	98
71) Naphthalene	14.086	128	754071	48.892	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	227134	50.570	ug/L	100

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

