

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050522\
 Data File : VU048428.D
 Acq On : 05 May 2022 09:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050115

Quant Time: May 06 05:26:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 05 02:16:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	363890	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	366709	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	208487	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	158867	47.476	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.960%
7) Chloroethane-d5	1.912	69	112544	47.915	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.820%
11) 1,1-Dichloroethene-d2	2.568	63	252489	47.092	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.180%
21) 2-Butanone-d5	4.636	46	269215	94.328	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.330%
24) Chloroform-d	5.067	84	293336	48.330	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.660%
26) 1,2-Dichloroethane-d4	5.703	65	169314	47.016	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.040%
32) Benzene-d6	5.729	84	625156	54.053	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.100%
36) 1,2-Dichloropropane-d6	6.694	67	198314	51.866	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.740%
41) Toluene-d8	7.899	98	578721	55.203	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.400%
43) trans-1,3-Dichloroprop...	8.182	79	86517	51.279	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.560%
47) 2-Hexanone-d5	8.642	63	190914	92.546	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.550%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	314369	46.879	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.760%
66) 1,2-Dichlorobenzene-d4	12.195	152	238740	50.904	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	105948	38.532	ug/L	100
3) Chloromethane	1.523	50	117601	37.367	ug/L	99
5) Vinyl chloride	1.604	62	129648	40.879	ug/L	96
6) Bromomethane	1.858	94	73146	50.184	ug/L	100
8) Chloroethane	1.932	64	76567	42.697	ug/L	98
9) Trichlorofluoromethane	2.134	101	186699	45.172	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	131556	47.992	ug/L	98
12) 1,1-Dichloroethene	2.578	96	110075	46.003	ug/L	90
13) Acetone	2.649	43	195433	106.664	ug/L	95
14) Carbon disulfide	2.793	76	208239	35.708	ug/L	100
15) Methyl Acetate	2.954	43	170167	46.786	ug/L	99
16) Methylene chloride	3.047	84	151040	48.962	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	116357	46.810	ug/L	94
18) Methyl tert-butyl Ether	3.366	73	439359	53.570	ug/L	98
19) 1,1-Dichloroethane	3.871	63	254346	48.931	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	154087	51.426	ug/L	92
22) 2-Butanone	4.716	43	275968	101.857	ug/L	98
23) Bromochloromethane	4.980	128	83685	50.026	ug/L	95
25) Chloroform	5.089	83	265736	50.064	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	182931	47.249	ug/L	100
29) Cyclohexane	5.391	56	168207	48.548	ug/L	97
30) 1,1,1-Trichloroethane	5.317	97	214263	51.668	ug/L	98
31) Carbon tetrachloride	5.526	117	183969	52.050	ug/L	100
33) Benzene	5.774	78	565692	52.103	ug/L	100
34) Trichloroethene	6.542	95	137546	51.685	ug/L	98
35) Methylcyclohexane	6.764	83	190259	50.922	ug/L	98
37) 1,2-Dichloropropane	6.793	63	164486	53.248	ug/L	99
38) Bromodichloromethane	7.108	83	201240	51.586	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	233824	53.830	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	488040	104.749	ug/L	98
42) Toluene	7.970	91	608656	53.396	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	222623	52.462	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	168655	52.038	ug/L	99
46) Tetrachloroethene	8.555	164	120111	52.589	ug/L	98
48) 2-Hexanone	8.694	43	393115	101.040	ug/L	98
49) Dibromochloromethane	8.812	129	185737	52.153	ug/L	100
50) 1,2-Dibromoethane	8.925	107	172231	52.404	ug/L	99
51) Chlorobenzene	9.449	112	426750	51.938	ug/L	99
52) Ethylbenzene	9.571	91	637872	54.033	ug/L	99
53) m,p-Xylene	9.697	106	263676	56.600	ug/L	97
54) o-Xylene	10.102	106	269197	57.360	ug/L	95
55) Styrene	10.118	104	453928	56.777	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	317652	49.660	ug/L	99
59) Bromoform	10.295	173	159063	52.571	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	241109	49.573	ug/L	99
61) Isopropylbenzene	10.484	105	672239	57.668	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	361058	58.765	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	563014	59.602	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	355225	54.354	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	347225	52.042	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	367013	53.309	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	61308	47.219	ug/L	89
69) 1,3,5-Trichlorobenzene	13.221	180	272084	56.027	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	220061	57.359	ug/L	100
71) Naphthalene	14.089	128	642990	58.562	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	227414	57.839	ug/L	99

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

