

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045236.D
 Acq On : 08 Oct 2021 03:26
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050096

Quant Time: Oct 08 03:43:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 22:18:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	290115	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	286467	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	139633	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	121809	38.354	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.700%
7) Chloroethane-d5	1.887	69	102895	40.885	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.760%
11) 1,1-Dichloroethene-d2	2.562	63	218582	40.983	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.960%
21) 2-Butanone-d5	4.629	46	219676	87.493	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.490%
24) Chloroform-d	5.067	84	219298	43.720	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.440%
26) 1,2-Dichloroethane-d4	5.706	65	148494	43.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.400%
32) Benzene-d6	5.729	84	439226	44.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.380%
36) 1,2-Dichloropropane-d6	6.694	67	142076	43.834	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.660%
41) Toluene-d8	7.902	98	393599	45.883	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.760%
43) trans-1,3-Dichloroprop...	8.182	79	64769	44.923	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.840%
47) 2-Hexanone-d5	8.636	63	161696	90.022	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.020%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	233131	46.191	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.380%
66) 1,2-Dichlorobenzene-d4	12.198	152	146663	48.263	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	124532	44.830	ug/L	98
3) Chloromethane	1.520	50	131946	38.107	ug/L	99
5) Vinyl chloride	1.604	62	149774	44.151	ug/L	92
6) Bromomethane	1.829	94	35831	22.022	ug/L	97
8) Chloroethane	1.912	64	99661	46.810	ug/L	100
9) Trichlorofluoromethane	2.125	101	179681	46.277	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	106910	43.625	ug/L	100
12) 1,1-Dichloroethene	2.575	96	105308	46.874	ug/L	88
13) Acetone	2.633	43	146506	50.479	ug/L	99
14) Carbon disulfide	2.790	76	311287	43.250	ug/L	100
15) Methyl Acetate	2.951	43	157456	43.989	ug/L	96
16) Methylene chloride	3.047	84	131171	46.086	ug/L	96
17) trans-1,2-Dichloroethene	3.353	96	111864	47.267	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	407755	52.252	ug/L	99
19) 1,1-Dichloroethane	3.870	63	230585	46.834	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	128792	49.386	ug/L	94
22) 2-Butanone	4.710	43	236382	72.770	ug/L	96
23) Bromochloromethane	4.977	128	61315	46.380	ug/L	96
25) Chloroform	5.092	83	231077	47.210	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	194054	47.401	ug/L	100
29) Cyclohexane	5.391	56	202000	46.911	ug/L	97
30) 1,1,1-Trichloroethane	5.317	97	187649	47.320	ug/L	98
31) Carbon tetrachloride	5.526	117	142595	45.528	ug/L	99
33) Benzene	5.777	78	508167	47.828	ug/L	100
34) Trichloroethene	6.546	95	122623	48.050	ug/L	99
35) Methylcyclohexane	6.764	83	192502	45.055	ug/L	97
37) 1,2-Dichloropropane	6.796	63	134806	46.600	ug/L	100
38) Bromodichloromethane	7.108	83	171015	48.227	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	196355	47.438	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	470550	97.373	ug/L	97
42) Toluene	7.973	91	537164	49.758	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	186302	47.335	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	131118	50.014	ug/L	98
46) Tetrachloroethene	8.555	164	82697	45.336	ug/L	98
48) 2-Hexanone	8.690	43	370579	86.477	ug/L	97
49) Dibromochloromethane	8.812	129	126240	48.689	ug/L	100
50) 1,2-Dibromoethane	8.928	107	136959	49.897	ug/L	100
51) Chlorobenzene	9.449	112	326824	49.038	ug/L	99
52) Ethylbenzene	9.574	91	583978	51.207	ug/L	99
53) m,p-Xylene	9.697	106	228046	52.786	ug/L	97
54) o-xylene	10.105	106	225841	53.198	ug/L	100
55) Styrene	10.118	104	383554	52.537	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	244092	48.626	ug/L	99
59) Bromoform	10.295	173	91736	52.973	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	200284	51.860	ug/L	100
61) Isopropylbenzene	10.488	105	574743	56.243	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	487743	57.151	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	495995	56.755	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	243122	51.481	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	241521	49.846	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	250929	51.758	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	53515	48.218	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	157325	48.003	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	132300	48.578	ug/L	99
71) Naphthalene	14.089	128	518925	54.985	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	137266	49.261	ug/L	100

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

