

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU048991.D
 Acq On : 10 Jun 2022 12:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050144

Quant Time: Jun 10 22:42:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:34:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	264984	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	258946	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	149444	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	90968	55.726	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 111.460%	
7) Chloroethane-d5	1.890	69	64176	53.543	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 107.080%	
11) 1,1-Dichloroethene-d2	2.562	63	167166	54.269	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 108.540%	
21) 2-Butanone-d5	4.620	46	184543	103.109	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 103.110%	
24) Chloroform-d	5.064	84	192563	55.296	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 110.600%	
26) 1,2-Dichloroethane-d4	5.700	65	125798	55.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 111.520%	
32) Benzene-d6	5.726	84	346616	53.981	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.960%	
36) 1,2-Dichloropropane-d6	6.690	67	119961	55.574	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 111.140%	
41) Toluene-d8	7.896	98	321834	56.833	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 113.660%	
43) trans-1,3-Dichloroprop...	8.179	79	52702	51.897	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.800%	
47) 2-Hexanone-d5	8.636	63	129510	114.637	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 114.640%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	209763	58.182	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 116.360%	
66) 1,2-Dichlorobenzene-d4	12.195	152	145935	56.124	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 112.240%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	131903	56.408	ug/L	100
3) Chloromethane	1.523	50	137779	55.898	ug/L	99
5) Vinyl chloride	1.604	62	125498	53.710	ug/L	97
6) Bromomethane	1.829	94	65007	50.296	ug/L	100
8) Chloroethane	1.913	64	69009	52.878	ug/L	95
9) Trichlorofluoromethane	2.128	101	172451	52.439	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	93725	50.207	ug/L	96
12) 1,1-Dichloroethene	2.575	96	86881	53.168	ug/L	90
13) Acetone	2.623	43	124247	88.221	ug/L	99
14) Carbon disulfide	2.787	76	229747	55.289	ug/L	99
15) Methyl Acetate	2.945	43	156394	55.988	ug/L	99
16) Methylene chloride	3.041	84	109016	51.230	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	91703	51.040	ug/L	98
18) Methyl tert-butyl Ether	3.363	73	338801	50.406	ug/L	99
19) 1,1-Dichloroethane	3.867	63	194999	50.379	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	109439	50.066	ug/L	98
22) 2-Butanone	4.700	43	190470	88.006	ug/L	98
23) Bromochloromethane	4.973	128	57674	50.271	ug/L	98
25) Chloroform	5.086	83	202804	50.275	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	161767	49.262	ug/L	100
29) Cyclohexane	5.385	56	149496	51.587	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	175553	48.613	ug/L	98
31) Carbon tetrachloride	5.523	117	155633	49.278	ug/L	100
33) Benzene	5.774	78	419646	50.022	ug/L	100
34) Trichloroethene	6.539	95	105007	49.657	ug/L	97
35) Methylcyclohexane	6.764	83	145217	49.197	ug/L	98
37) 1,2-Dichloropropane	6.790	63	116566	49.274	ug/L	100
38) Bromodichloromethane	7.105	83	154786	49.281	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	150293	43.175	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	389262	97.666	ug/L	100
42) Toluene	7.970	91	434704	50.133	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	150417	43.639	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	112588	49.114	ug/L	98
46) Tetrachloroethene	8.552	164	77470	47.254	ug/L	98
48) 2-Hexanone	8.684	43	301247	92.973	ug/L	100
49) Dibromochloromethane	8.809	129	127161	49.821	ug/L	99
50) 1,2-Dibromoethane	8.922	107	118041	48.947	ug/L	100
51) Chlorobenzene	9.446	112	284233	48.492	ug/L	100
52) Ethylbenzene	9.571	91	455505	48.315	ug/L	98
53) m,p-Xylene	9.694	106	186893	50.480	ug/L	99
54) o-Xylene	10.102	106	181730	48.719	ug/L	96
55) Styrene	10.115	104	312624	50.187	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	219822	51.457	ug/L	98
59) Bromoform	10.292	173	102122	46.304	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	183764	48.478	ug/L	98
61) Isopropylbenzene	10.485	105	468254	46.128	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	267858	30.907	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	419462	60.793	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	232000	46.591	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	230432	45.706	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	250054	48.389	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	56014	44.771	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	156262	43.927	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	129472	43.041	ug/L	98
71) Naphthalene	14.089	128	457241	42.964	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	142676	44.840	ug/L	99

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

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