

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050422\
 Data File : VU048426.D
 Acq On : 04 May 2022 20:30
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050114

Quant Time: May 05 02:21:41 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	370463	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	379058	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	218384	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	179090	52.570	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 105.140%	
7) Chloroethane-d5	1.893	69	127421	53.286	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 106.580%	
11) 1,1-Dichloroethene-d2	2.565	63	256369	46.967	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 93.940%	
21) 2-Butanone-d5	4.620	46	281517	96.889	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 96.890%	
24) Chloroform-d	5.063	84	290552	47.021	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 94.040%	
26) 1,2-Dichloroethane-d4	5.700	65	172923	47.166	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 94.340%	
32) Benzene-d6	5.726	84	635520	53.159	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.320%	
36) 1,2-Dichloropropane-d6	6.690	67	202790	51.309	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 102.620%	
41) Toluene-d8	7.899	98	580434	53.563	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.120%	
43) trans-1,3-Dichloroprop...	8.179	79	86191	49.422	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 98.840%	
47) 2-Hexanone-d5	8.636	63	209213	98.112	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 98.110%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	342325	49.385	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 98.780%	
66) 1,2-Dichlorobenzene-d4	12.195	152	255954	52.101	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 104.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	107099	38.259	ug/L	100
3) Chloromethane	1.520	50	123867	38.660	ug/L	99
5) Vinyl chloride	1.607	62	131628	40.767	ug/L	98
6) Bromomethane	1.832	94	57474	38.732	ug/L	100
8) Chloroethane	1.916	64	78930	43.234	ug/L	98
9) Trichlorofluoromethane	2.131	101	176753	42.007	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	120672	43.240	ug/L	99
12) 1,1-Dichloroethene	2.578	96	104323	42.825	ug/L	96
13) Acetone	2.626	43	147248	78.940	ug/L	95
14) Carbon disulfide	2.790	76	202387	34.089	ug/L	99
15) Methyl Acetate	2.944	43	172969	46.713	ug/L	99
16) Methylene chloride	3.044	84	145639	46.373	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	110632	43.717	ug/L	98
18) Methyl tert-butyl Ether	3.362	73	429857	51.482	ug/L	99
19) 1,1-Dichloroethane	3.867	63	244701	46.241	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	147197	48.255	ug/L	95
22) 2-Butanone	4.700	43	259402	94.044	ug/L	97
23) Bromochloromethane	4.973	128	82091	48.202	ug/L	96
25) Chloroform	5.089	83	253908	46.987	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	178782	45.358	ug/L	99
29) Cyclohexane	5.388	56	166825	46.580	ug/L	99
30) 1,1,1-Trichloroethane	5.317	97	204135	47.622	ug/L	98
31) Carbon tetrachloride	5.523	117	167356	45.807	ug/L	99
33) Benzene	5.774	78	544819	48.545	ug/L	100
34) Trichloroethene	6.542	95	129386	47.035	ug/L	98
35) Methylcyclohexane	6.764	83	174307	45.133	ug/L	99
37) 1,2-Dichloropropane	6.790	63	157313	49.267	ug/L	99
38) Bromodichloromethane	7.105	83	187088	46.396	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	216832	48.292	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	513118	106.544	ug/L	99
42) Toluene	7.970	91	582677	49.451	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	204975	46.730	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	166329	49.649	ug/L	97
46) Tetrachloroethene	8.552	164	111592	47.267	ug/L	99
48) 2-Hexanone	8.687	43	421821	104.886	ug/L	99
49) Dibromochloromethane	8.809	129	172475	46.852	ug/L	97
50) 1,2-Dibromoethane	8.922	107	165388	48.682	ug/L	99
51) Chlorobenzene	9.446	112	411215	48.417	ug/L	98
52) Ethylbenzene	9.571	91	614708	50.375	ug/L	99
53) m,p-Xylene	9.693	106	254449	52.840	ug/L	97
54) o-Xylene	10.102	106	262957	54.205	ug/L	96
55) Styrene	10.115	104	451207	54.598	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	332875	50.345	ug/L	100
59) Bromoform	10.291	173	153527	48.441	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	252893	49.639	ug/L	100
61) Isopropylbenzene	10.484	105	656516	53.766	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	354087	55.019	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	553329	55.922	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	347672	50.787	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	342456	49.001	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	370336	51.354	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	63930	47.007	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	257711	50.662	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	210713	52.433	ug/L	99
71) Naphthalene	14.085	128	650569	56.567	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	220874	53.630	ug/L	99

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

