

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047695.D
 Acq On : 26 Mar 2022 00:05
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050178

Quant Time: Mar 26 04:25:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 26 02:50:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	305127	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	317514	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	184612	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	102960	46.532	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.060%
7) Chloroethane-d5	1.916	69	94912	54.400	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.800%
11) 1,1-Dichloroethene-d2	2.572	63	196981	48.658	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.320%
21) 2-Butanone-d5	4.633	46	223135	117.490	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.490%
24) Chloroform-d	5.067	84	214504	52.982	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.960%
26) 1,2-Dichloroethane-d4	5.703	65	133830	53.897	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.800%
32) Benzene-d6	5.729	84	421315	52.733	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.460%
36) 1,2-Dichloropropane-d6	6.694	67	131819	53.723	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.440%
41) Toluene-d8	7.899	98	398537	51.198	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	8.179	79	62990	50.673	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.340%
47) 2-Hexanone-d5	8.632	63	170614	118.781	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.780%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	225843	53.633	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.260%
66) 1,2-Dichlorobenzene-d4	12.192	152	175425	53.411	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	128985	45.597	ug/L	99
3) Chloromethane	1.523	50	139939	51.727	ug/L	100
5) Vinyl chloride	1.607	62	137407	49.801	ug/L	97
6) Bromomethane	1.861	94	83868	56.475	ug/L	98
8) Chloroethane	1.938	64	92786	53.570	ug/L	99
9) Trichlorofluoromethane	2.141	101	179008	46.009	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	97133	43.190	ug/L	99
12) 1,1-Dichloroethene	2.584	96	104048	49.711	ug/L	91
13) Acetone	2.646	43	147629	83.530	ug/L	99
14) Carbon disulfide	2.800	76	314891	47.596	ug/L	99
15) Methyl Acetate	2.954	43	152383	54.070	ug/L	100
16) Methylene chloride	3.051	84	128124	53.345	ug/L	96
17) trans-1,2-Dichloroethene	3.356	96	113841	50.427	ug/L	96
18) Methyl tert-butyl Ether	3.366	73	354466	55.654	ug/L	100
19) 1,1-Dichloroethane	3.874	63	213268	54.776	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	134510	54.348	ug/L	96
22) 2-Butanone	4.713	43	231972	101.891	ug/L	99
23) Bromochloromethane	4.977	128	73469	54.066	ug/L	98
25) Chloroform	5.092	83	224465	53.548	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	174969	54.027	ug/L	99
29) Cyclohexane	5.391	56	163446	50.730	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	194188	53.937	ug/L	99
31) Carbon tetrachloride	5.526	117	167779	51.608	ug/L	100
33) Benzene	5.777	78	497723	54.156	ug/L	100
34) Trichloroethene	6.542	95	122350	50.779	ug/L	99
35) Methylcyclohexane	6.764	83	158278	43.179	ug/L	99
37) 1,2-Dichloropropane	6.793	63	128853	55.151	ug/L	100
38) Bromodichloromethane	7.105	83	174691	54.449	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	195590	53.953	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	415776	112.597	ug/L	98
42) Toluene	7.970	91	542729	53.820	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	195171	53.921	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	132513	53.479	ug/L	99
46) Tetrachloroethene	8.552	164	97519	45.038	ug/L	99
48) 2-Hexanone	8.687	43	351268	110.589	ug/L	99
49) Dibromochloromethane	8.809	129	153473	53.476	ug/L	100
50) 1,2-Dibromoethane	8.925	107	149637	53.867	ug/L	100
51) Chlorobenzene	9.446	112	352468	51.477	ug/L	99
52) Ethylbenzene	9.571	91	547976	51.680	ug/L	99
53) m,p-Xylene	9.693	106	214965	51.668	ug/L	99
54) o-Xylene	10.099	106	219015	53.636	ug/L	100
55) Styrene	10.115	104	376737	54.039	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	250286	53.879	ug/L	99
59) Bromoform	10.291	173	129050	54.667	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	196724	56.526	ug/L	98
61) Isopropylbenzene	10.484	105	538445	53.967	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	284655	52.583	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	440311	53.547	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	277877	50.108	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	279402	48.641	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	289985	52.260	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	61344	55.027	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	198098	43.984	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	184629	46.802	ug/L	100
71) Naphthalene	14.086	128	673912	57.298	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	202256	51.143	ug/L	99

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

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