

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
 Data File : VU047697.D
 Acq On : 26 Mar 2022 10:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050179

Quant Time: Mar 28 05:03:09 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	6.253	114	345317	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	355081	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	216560	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	125267	50.024	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.040%	
7) Chloroethane-d5	1.919	69	111796	56.620	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 113.240%	
11) 1,1-Dichloroethene-d2	2.575	63	234791	51.248	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 102.500%	
21) 2-Butanone-d5	4.636	46	271619	126.373	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 126.370%	
24) Chloroform-d	5.067	84	265706	57.991	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 115.980%	
26) 1,2-Dichloroethane-d4	5.703	65	162976	57.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 116.000%	
32) Benzene-d6	5.732	84	514242	57.555	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 115.100%	
36) 1,2-Dichloropropane-d6	6.694	67	163389	59.545	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 119.080%	
41) Toluene-d8	7.899	98	494183	56.769	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 113.540%	
43) trans-1,3-Dichloroprop...	8.182	79	81392	58.549	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 117.100%	
47) 2-Hexanone-d5	8.636	63	210210	130.864	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 130.860%#	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	280312	59.525	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 119.060%	
66) 1,2-Dichlorobenzene-d4	12.195	152	222292	57.696	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 115.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	168744	52.709	ug/L	100
3) Chloromethane	1.523	50	154624	50.504	ug/L	99
5) Vinyl chloride	1.607	62	156497	50.119	ug/L	99
6) Bromomethane	1.861	94	90285	53.721	ug/L	98
8) Chloroethane	1.938	64	101760	51.913	ug/L	99
9) Trichlorofluoromethane	2.141	101	221170	50.230	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	134649	52.903	ug/L	98
12) 1,1-Dichloroethene	2.584	96	122140	51.564	ug/L	92
13) Acetone	2.649	43	232176	116.079	ug/L	98
14) Carbon disulfide	2.800	76	372360	49.732	ug/L	99
15) Methyl Acetate	2.957	43	163014	51.110	ug/L	99
16) Methylene chloride	3.051	84	143207	52.685	ug/L	97
17) trans-1,2-Dichloroethene	3.356	96	133009	52.060	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	390974	54.242	ug/L	100
19) 1,1-Dichloroethane	3.874	63	235061	53.346	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	149284	53.297	ug/L	96
22) 2-Butanone	4.713	43	281805	109.373	ug/L	99
23) Bromochloromethane	4.980	128	82755	53.812	ug/L	97
25) Chloroform	5.092	83	252911	53.312	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	193296	52.739	ug/L	98
29) Cyclohexane	5.395	56	203825	56.570	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	220866	54.856	ug/L	99
31) Carbon tetrachloride	5.530	117	195462	53.762	ug/L	100
33) Benzene	5.777	78	557467	54.239	ug/L	100
34) Trichloroethene	6.546	95	146927	54.527	ug/L	99
35) Methylcyclohexane	6.768	83	232582	56.737	ug/L	99
37) 1,2-Dichloropropane	6.793	63	142807	54.657	ug/L	99
38) Bromodichloromethane	7.108	83	194251	54.140	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	228499	56.362	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	451630	109.367	ug/L	99
42) Toluene	7.973	91	626584	55.561	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	224943	55.571	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	150185	54.198	ug/L	98
46) Tetrachloroethene	8.555	164	129453	53.461	ug/L	98
48) 2-Hexanone	8.687	43	398943	112.311	ug/L	98
49) Dibromochloromethane	8.812	129	171460	53.422	ug/L	99
50) 1,2-Dibromoethane	8.925	107	167603	53.951	ug/L	100
51) Chlorobenzene	9.449	112	413303	53.976	ug/L	99
52) Ethylbenzene	9.571	91	666664	56.222	ug/L	100
53) m,p-Xylene	9.693	106	266096	57.191	ug/L	97
54) o-Xylene	10.102	106	254916	55.823	ug/L	99
55) Styrene	10.115	104	443901	56.936	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	279291	53.762	ug/L	98
59) Bromoform	10.292	173	145887	52.682	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	216137	52.942	ug/L	100
61) Isopropylbenzene	10.484	105	663062	56.653	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	361054	56.856	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	564185	58.489	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	353384	54.322	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	357970	53.126	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	351485	53.998	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	68989	52.755	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	283051	53.575	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	254379	54.970	ug/L	99
71) Naphthalene	14.089	128	790909	57.326	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	256559	55.304	ug/L	99

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

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