

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082922\
 Data File : VU050512.D
 Acq On : 30 Aug 2022 02:37
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050180

Quant Time: Aug 30 05:33:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 30 05:29:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	359788	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	353313	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	159726	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	143624	33.760	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.520%
7) Chloroethane-d5	1.900	69	131505	41.775	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.560%
11) 1,1-Dichloroethene-d2	2.562	63	225115	37.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.880%
21) 2-Butanone-d5	4.626	46	299771	107.654	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.650%
24) Chloroform-d	5.063	84	308237	45.135	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.280%
26) 1,2-Dichloroethane-d4	5.700	65	199738	47.060	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.120%
32) Benzene-d6	5.726	84	619741	47.473	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.940%
36) 1,2-Dichloropropane-d6	6.690	67	210417	48.654	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.300%
41) Toluene-d8	7.896	98	535055	46.839	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.680%
43) trans-1,3-Dichloroprop...	8.179	79	67083	37.185	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.380%
47) 2-Hexanone-d5	8.636	63	167756	104.524	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.520%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	314677	47.174	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.340%
66) 1,2-Dichlorobenzene-d4	12.192	152	181234	47.499	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	106371	37.823	ug/L	99
3) Chloromethane	1.517	50	146678	44.813	ug/L	99
5) Vinyl chloride	1.601	62	129880	40.580	ug/L	99
6) Bromomethane	1.845	94	53563	45.260	ug/L	96
8) Chloroethane	1.919	64	94818	48.764	ug/L	99
9) Trichlorofluoromethane	2.131	101	159990	39.290	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	96756	38.756	ug/L	98
12) 1,1-Dichloroethene	2.575	96	96083	43.534	ug/L	93
13) Acetone	2.633	43	176476	96.389	ug/L	99
14) Carbon disulfide	2.787	76	130619	23.192	ug/L	99
15) Methyl Acetate	2.951	43	180463	54.785	ug/L	100
16) Methylene chloride	3.041	84	158550	51.545	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	105409	45.432	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	442684	60.284	ug/L	99
19) 1,1-Dichloroethane	3.867	63	257633	51.255	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	144958	52.174	ug/L	98
22) 2-Butanone	4.707	43	278907	112.403	ug/L	99
23) Bromochloromethane	4.973	128	76811	50.618	ug/L	99
25) Chloroform	5.086	83	274909	51.338	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	213214	53.376	ug/L	99
29) Cyclohexane	5.388	56	139047	42.783	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	177140	43.822	ug/L	100
31) Carbon tetrachloride	5.523	117	122676	36.981	ug/L	98
33) Benzene	5.771	78	584430	54.634	ug/L	100
34) Trichloroethene	6.542	95	121971	48.170	ug/L	98
35) Methylcyclohexane	6.761	83	138715	39.178	ug/L	100
37) 1,2-Dichloropropane	6.790	63	166634	53.628	ug/L	100
38) Bromodichloromethane	7.105	83	167093	42.150	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	184619	45.245	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	507938	123.012	ug/L	100
42) Toluene	7.970	91	590584	54.797	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	168993	44.432	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	166912	54.591	ug/L	100
46) Tetrachloroethene	8.552	164	85125	45.773	ug/L	98
48) 2-Hexanone	8.687	43	421193	122.144	ug/L	99
49) Dibromochloromethane	8.809	129	125178	39.524	ug/L	99
50) 1,2-Dibromoethane	8.922	107	159346	52.150	ug/L	99
51) Chlorobenzene	9.446	112	363828	51.441	ug/L	98
52) Ethylbenzene	9.571	91	559180	51.478	ug/L	100
53) m,p-Xylene	9.693	106	212333	52.344	ug/L	98
54) o-Xylene	10.102	106	223110	55.360	ug/L	99
55) Styrene	10.115	104	386638	56.381	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	295428	52.880	ug/L	100
59) Bromoform	10.292	173	86890	37.988	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	232578	56.505	ug/L	100
61) Isopropylbenzene	10.484	105	520225	52.657	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	434352	54.449	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	432626	55.604	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	248708	51.486	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	243737	50.102	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	274511	54.039	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	44998	41.135	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	164124	49.289	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	136339	51.126	ug/L	99
71) Naphthalene	14.086	128	504467	57.668	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	159201	54.623	ug/L	99

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

