

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
 Data File : VU048380.D
 Acq On : 02 May 2022 21:06
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.53g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050110

Quant Time: May 03 04:17:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 03 04:11:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	448574	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	469976	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	276633	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	115058	27.893	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	55.780%#
7) Chloroethane-d5	1.877	69	94612	32.676	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.360%#
11) 1,1-Dichloroethene-d2	2.559	63	229367	34.703	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.400%
21) 2-Butanone-d5	4.623	46	305857	86.935	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.940%
24) Chloroform-d	5.063	84	308780	41.270	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.540%
26) 1,2-Dichloroethane-d4	5.700	65	190271	42.861	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.720%
32) Benzene-d6	5.726	84	607659	40.996	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.690	67	203455	41.519	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.040%
41) Toluene-d8	7.899	98	568457	42.310	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.620%
43) trans-1,3-Dichloroprop...	8.179	79	95040	43.953	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.900%
47) 2-Hexanone-d5	8.635	63	250325	94.682	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.680%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	395522	46.021	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.040%
66) 1,2-Dichlorobenzene-d4	12.195	152	279861	44.972	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	125907	37.146	ug/L	100
3) Chloromethane	1.520	50	130524	33.644	ug/L	100
5) Vinyl chloride	1.604	62	148210	37.910	ug/L	96
6) Bromomethane	1.829	94	59584	33.162	ug/L	98
8) Chloroethane	1.899	64	100134	45.298	ug/L	99
9) Trichlorofluoromethane	2.118	101	220931	43.363	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	142175	42.074	ug/L	99
12) 1,1-Dichloroethene	2.571	96	122038	41.374	ug/L	96
13) Acetone	2.629	43	172591	76.414	ug/L	100
14) Carbon disulfide	2.784	76	245468	34.146	ug/L	99
15) Methyl Acetate	2.944	43	188033	41.939	ug/L	98
16) Methylene chloride	3.041	84	170052	44.718	ug/L	97
17) trans-1,2-Dichloroethene	3.346	96	131521	42.922	ug/L	97
18) Methyl tert-butyl Ether	3.362	73	495730	49.033	ug/L	99
19) 1,1-Dichloroethane	3.864	63	283031	44.170	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	171743	46.498	ug/L	96
22) 2-Butanone	4.703	43	290980	87.123	ug/L	95
23) Bromochloromethane	4.973	128	94059	45.612	ug/L	94
25) Chloroform	5.086	83	304830	46.587	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	221012	46.308	ug/L	99
29) Cyclohexane	5.385	56	188905	42.541	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	244543	46.013	ug/L	100
31) Carbon tetrachloride	5.523	117	204802	45.212	ug/L	99
33) Benzene	5.771	78	633367	45.518	ug/L	100
34) Trichloroethene	6.539	95	155731	45.660	ug/L	98
35) Methylcyclohexane	6.761	83	208526	43.548	ug/L	97
37) 1,2-Dichloropropane	6.790	63	179021	45.219	ug/L	99
38) Bromodichloromethane	7.105	83	228831	45.769	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	255638	45.920	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	596835	99.953	ug/L	99
42) Toluene	7.970	91	685531	46.925	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	253723	46.653	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	199982	48.146	ug/L	98
46) Tetrachloroethene	8.552	164	129399	44.206	ug/L	99
48) 2-Hexanone	8.687	43	490348	98.339	ug/L	99
49) Dibromochloromethane	8.812	129	213750	46.831	ug/L	99
50) 1,2-Dibromoethane	8.925	107	199187	47.289	ug/L	98
51) Chlorobenzene	9.449	112	490077	46.540	ug/L	100
52) Ethylbenzene	9.571	91	737136	48.722	ug/L	99
53) m,p-Xylene	9.693	106	293345	49.133	ug/L	100
54) o-Xylene	10.102	106	310759	51.667	ug/L	99
55) Styrene	10.115	104	539457	52.648	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	403288	49.195	ug/L	99
59) Bromoform	10.295	173	190570	47.468	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	305094	47.276	ug/L	99
61) Isopropylbenzene	10.484	105	790724	51.122	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	429273	52.657	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	673710	53.752	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	414344	47.782	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	411397	46.471	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	434420	47.556	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	78501	45.567	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	310740	48.224	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	247023	48.525	ug/L	98
71) Naphthalene	14.089	128	776880	53.327	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	262427	50.302	ug/L	98

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

