

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090622\
 Data File : VU050652.D
 Acq On : 06 Sep 2022 22:51
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050191

Quant Time: Sep 07 02:37:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 07 01:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	174051	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	176401	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	85761	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	41328	27.762	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	55.520%#
7) Chloroethane-d5	1.896	69	33810	33.585	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.160%#
11) 1,1-Dichloroethene-d2	2.562	63	93597	35.579	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.160%
21) 2-Butanone-d5	4.629	46	128203	117.708	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.710%
24) Chloroform-d	5.063	84	144573	51.241	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.480%
26) 1,2-Dichloroethane-d4	5.700	65	94986	55.092	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.180%
32) Benzene-d6	5.726	84	264282	45.335	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.680%
36) 1,2-Dichloropropane-d6	6.690	67	90237	47.147	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.300%
41) Toluene-d8	7.896	98	229427	46.022	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.040%
43) trans-1,3-Dichloroprop...	8.179	79	41684	52.637	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.280%
47) 2-Hexanone-d5	8.639	63	56938	118.269	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.270%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	162809	56.212	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.420%
66) 1,2-Dichlorobenzene-d4	12.192	152	95147	47.393	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	60594	36.245	ug/L	99
3) Chloromethane	1.517	50	69052	38.227	ug/L	100
5) Vinyl chloride	1.604	62	64141	37.688	ug/L	98
6) Bromomethane	1.845	94	41662	48.540	ug/L	99
8) Chloroethane	1.916	64	36824	40.738	ug/L	97
9) Trichlorofluoromethane	2.128	101	85898	41.427	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	48815	35.888	ug/L	96
12) 1,1-Dichloroethene	2.571	96	56901	43.054	ug/L	98
13) Acetone	2.633	43	95178	115.844	ug/L	98
14) Carbon disulfide	2.787	76	164041	41.857	ug/L	99
15) Methyl Acetate	2.948	43	100940	58.092	ug/L	98
16) Methylene chloride	3.041	84	89019	51.323	ug/L	94
17) trans-1,2-Dichloroethene	3.350	96	66104	47.168	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	254491	58.567	ug/L	98
19) 1,1-Dichloroethane	3.864	63	137006	50.670	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	84100	53.185	ug/L	96
22) 2-Butanone	4.706	43	152376	118.577	ug/L	93
23) Bromochloromethane	4.973	128	47810	58.512	ug/L	91
25) Chloroform	5.086	83	152531	55.370	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	123238	60.359	ug/L	97
29) Cyclohexane	5.385	56	82186	34.789	ug/L	94
30) 1,1,1-Trichloroethane	5.314	97	115280	48.520	ug/L	98
31) Carbon tetrachloride	5.523	117	91601	47.057	ug/L	100
33) Benzene	5.771	78	325362	50.682	ug/L	100
34) Trichloroethene	6.542	95	70653	47.233	ug/L	99
35) Methylcyclohexane	6.761	83	78757	33.117	ug/L	97
37) 1,2-Dichloropropane	6.790	63	87661	51.695	ug/L	100
38) Bromodichloromethane	7.105	83	115598	57.952	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	122570	53.400	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	275139	119.066	ug/L	97
42) Toluene	7.967	91	323728	49.643	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	117134	54.391	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	91695	56.290	ug/L	98
46) Tetrachloroethene	8.552	164	48368	44.271	ug/L	98
48) 2-Hexanone	8.687	43	256054	118.731	ug/L	98
49) Dibromochloromethane	8.809	129	94451	60.791	ug/L	99
50) 1,2-Dibromoethane	8.922	107	97657	58.949	ug/L	99
51) Chlorobenzene	9.446	112	207290	51.218	ug/L	97
52) Ethylbenzene	9.568	91	310142	48.143	ug/L	100
53) m,p-Xylene	9.693	106	120506	48.826	ug/L	96
54) o-Xylene	10.102	106	129758	52.808	ug/L	94
55) Styrene	10.115	104	219539	54.302	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	174302	60.072	ug/L	98
59) Bromoform	10.291	173	72985	57.040	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	135244	53.747	ug/L	98
61) Isopropylbenzene	10.484	105	285447	42.049	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	250673	43.193	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	251493	45.127	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	143014	47.880	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	144325	48.883	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	162264	51.007	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	38159	57.425	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	96241	44.399	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	85018	46.190	ug/L	99
71) Naphthalene	14.086	128	337583	51.730	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	98438	49.386	ug/L	100

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

