

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071822\
 Data File : VU049751.D
 Acq On : 18 Jul 2022 10:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050167

Quant Time: Jul 18 10:48:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 15 23:03:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	187536	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	179450	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	90286	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	62690	39.619	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.240%
7) Chloroethane-d5	1.900	69	50468	44.124	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.240%
11) 1,1-Dichloroethene-d2	2.565	63	121248	43.381	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.760%
21) 2-Butanone-d5	4.620	46	164498	121.780	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.780%
24) Chloroform-d	5.063	84	147206	52.526	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.060%
26) 1,2-Dichloroethane-d4	5.700	65	100997	53.247	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.500%
32) Benzene-d6	5.726	84	255692	46.902	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.690	67	95026	51.822	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.640%
41) Toluene-d8	7.896	98	216576	45.618	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.240%
43) trans-1,3-Dichloroprop...	8.179	79	40404	52.297	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.600%
47) 2-Hexanone-d5	8.632	63	92798	112.503	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.500%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	147454	57.470	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.940%
66) 1,2-Dichlorobenzene-d4	12.192	152	85346	50.136	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	105434	46.901	ug/L	100
3) Chloromethane	1.520	50	119924	48.608	ug/L	98
5) Vinyl chloride	1.601	62	103799	46.559	ug/L	100
6) Bromomethane	1.838	94	48679	47.258	ug/L	98
8) Chloroethane	1.922	64	59942	48.536	ug/L	99
9) Trichlorofluoromethane	2.131	101	133499	48.488	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	69880	48.369	ug/L	98
12) 1,1-Dichloroethene	2.575	96	64338	47.984	ug/L	94
13) Acetone	2.626	43	122441	95.380	ug/L	99
14) Carbon disulfide	2.787	76	193946	42.894	ug/L	99
15) Methyl Acetate	2.948	43	120422	57.741	ug/L	99
16) Methylene chloride	3.041	84	88954	52.683	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	71550	48.780	ug/L	97
18) Methyl tert-butyl Ether	3.362	73	270660	53.873	ug/L	100
19) 1,1-Dichloroethane	3.867	63	162372	53.172	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	85007	51.567	ug/L	99
22) 2-Butanone	4.700	43	188372	109.601	ug/L	100
23) Bromochloromethane	4.973	128	44529	54.136	ug/L	97
25) Chloroform	5.086	83	164835	53.831	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	137307	52.661	ug/L	99
29) Cyclohexane	5.388	56	129323	46.170	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	135465	52.143	ug/L	99
31) Carbon tetrachloride	5.523	117	112223	52.815	ug/L	100
33) Benzene	5.774	78	346955	51.437	ug/L	100
34) Trichloroethene	6.539	95	82023	50.306	ug/L	96
35) Methylcyclohexane	6.761	83	123072	48.034	ug/L	98
37) 1,2-Dichloropropane	6.790	63	100129	53.556	ug/L	99
38) Bromodichloromethane	7.105	83	125458	54.123	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	140043	55.540	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	333190	110.084	ug/L	100
42) Toluene	7.967	91	352105	52.523	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	130635	55.178	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	88386	54.162	ug/L	99
46) Tetrachloroethene	8.552	164	56097	49.606	ug/L	98
48) 2-Hexanone	8.684	43	270233	111.727	ug/L	99
49) Dibromochloromethane	8.809	129	91672	55.852	ug/L	97
50) 1,2-Dibromoethane	8.922	107	89920	55.470	ug/L	98
51) Chlorobenzene	9.446	112	211596	52.121	ug/L	99
52) Ethylbenzene	9.568	91	364476	51.521	ug/L	99
53) m,p-Xylene	9.693	106	134389	52.243	ug/L	100
54) o-Xylene	10.099	106	136248	52.602	ug/L	96
55) Styrene	10.111	104	231043	54.051	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	159009	54.433	ug/L	99
59) Bromoform	10.288	173	67160	55.460	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	128395	53.390	ug/L	99
61) Isopropylbenzene	10.484	105	346384	51.380	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	298733	52.533	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	294311	52.097	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	150401	51.106	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	152065	51.439	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	157425	51.443	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	40330	57.234	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	106273	51.534	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	91441	48.319	ug/L	97
71) Naphthalene	14.086	128	339225	50.143	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	100490	51.263	ug/L	99

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

