

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048186.D
 Acq On : 21 Apr 2022 20:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050093

Quant Time: Apr 22 01:54:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 01:48:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	338213	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	351053	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	202682	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	107413	43.796	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.600%
7) Chloroethane-d5	1.912	69	91788	47.463	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.920%
11) 1,1-Dichloroethene-d2	2.571	63	200046	44.581	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.160%
21) 2-Butanone-d5	4.620	46	211436	100.439	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.440%
24) Chloroform-d	5.066	84	224604	50.050	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.100%
26) 1,2-Dichloroethane-d4	5.703	65	132601	48.178	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.360%
32) Benzene-d6	5.729	84	440505	49.868	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.740%
36) 1,2-Dichloropropane-d6	6.690	67	145979	53.810	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.620%
41) Toluene-d8	7.899	98	409152	47.540	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.080%
43) trans-1,3-Dichloroprop...	8.179	79	62133	45.208	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.420%
47) 2-Hexanone-d5	8.632	63	149876	94.374	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.370%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	235935	50.677	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.360%
66) 1,2-Dichlorobenzene-d4	12.195	152	176644	48.987	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	127599	40.694	ug/L	100
3) Chloromethane	1.523	50	133165	44.408	ug/L	100
5) Vinyl chloride	1.607	62	149091	48.750	ug/L	99
6) Bromomethane	1.854	94	75694	45.985	ug/L	99
8) Chloroethane	1.935	64	94198	49.065	ug/L	97
9) Trichlorofluoromethane	2.141	101	196736	45.619	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	124265	49.849	ug/L	99
12) 1,1-Dichloroethene	2.581	96	112931	48.677	ug/L	87
13) Acetone	2.623	43	150275	76.710	ug/L	98
14) Carbon disulfide	2.796	76	283835	38.705	ug/L	100
15) Methyl Acetate	2.948	43	166479	53.293	ug/L	96
16) Methylene chloride	3.047	84	147119	55.261	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	121332	48.487	ug/L	96
18) Methyl tert-butyl Ether	3.362	73	383610	54.338	ug/L	98
19) 1,1-Dichloroethane	3.870	63	242920	56.288	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	145751	53.129	ug/L	97
22) 2-Butanone	4.700	43	242073	95.926	ug/L	96
23) Bromochloromethane	4.976	128	80506	53.449	ug/L	95
25) Chloroform	5.089	83	252898	54.429	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	185270	51.611	ug/L	97
29) Cyclohexane	5.391	56	171654	48.187	ug/L	95
30) 1,1,1-Trichloroethane	5.317	97	205045	51.511	ug/L	100
31) Carbon tetrachloride	5.526	117	176706	49.161	ug/L	99
33) Benzene	5.777	78	553549	54.476	ug/L	100
34) Trichloroethene	6.542	95	136372	51.191	ug/L	99
35) Methylcyclohexane	6.764	83	186226	45.950	ug/L	97
37) 1,2-Dichloropropane	6.793	63	153382	59.378	ug/L	99
38) Bromodichloromethane	7.105	83	190306	53.649	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	208140	51.930	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	437898	107.258	ug/L	98
42) Toluene	7.970	91	591696	53.070	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	204205	51.027	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	153208	55.923	ug/L	99
46) Tetrachloroethene	8.552	164	114595	47.868	ug/L	98
48) 2-Hexanone	8.684	43	357452	101.785	ug/L	98
49) Dibromochloromethane	8.809	129	164743	51.919	ug/L	98
50) 1,2-Dibromoethane	8.925	107	160419	52.231	ug/L	97
51) Chlorobenzene	9.446	112	403520	53.303	ug/L	98
52) Ethylbenzene	9.571	91	601258	51.288	ug/L	100
53) m,p-Xylene	9.693	106	243294	52.891	ug/L	100
54) o-Xylene	10.102	106	236852	52.462	ug/L	99
55) Styrene	10.115	104	416214	53.998	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	276482	53.832	ug/L	99
59) Bromoform	10.291	173	133976	51.693	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	213296	55.824	ug/L	98
61) Isopropylbenzene	10.484	105	600389	54.810	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	306255	51.529	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	482051	53.396	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	321668	52.833	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	338697	53.707	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	329290	54.052	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	60490	49.423	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	237918	48.116	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	211595	48.855	ug/L	100
71) Naphthalene	14.085	128	599983	46.465	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	217712	50.143	ug/L	100

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

