

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047895.D
 Acq On : 11 Apr 2022 09:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050191

Quant Time: Apr 12 01:55:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 09 01:58:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	377898	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	386237	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	236107	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	116747	42.602	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.200%
7) Chloroethane-d5	1.916	69	99784	46.179	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.360%
11) 1,1-Dichloroethene-d2	2.575	63	216995	43.280	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.560%
21) 2-Butanone-d5	4.629	46	177148	75.314	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.310%
24) Chloroform-d	5.067	84	218677	43.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.220%
26) 1,2-Dichloroethane-d4	5.706	65	130692	42.497	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.000%
32) Benzene-d6	5.732	84	418022	43.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.020%
36) 1,2-Dichloropropane-d6	6.693	67	128894	43.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.360%
41) Toluene-d8	7.899	98	399698	42.211	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.420%
43) trans-1,3-Dichloroprop...	8.182	79	63126	41.747	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.500%
47) 2-Hexanone-d5	8.636	63	134429	76.937	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.940%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	211881	41.364	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.720%
66) 1,2-Dichlorobenzene-d4	12.195	152	168489	40.111	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	187021	53.381	ug/L	98
3) Chloromethane	1.523	50	176879	52.792	ug/L	100
5) Vinyl chloride	1.607	62	190038	55.613	ug/L	96
6) Bromomethane	1.861	94	95608	51.983	ug/L	99
8) Chloroethane	1.935	64	117736	54.885	ug/L	99
9) Trichlorofluoromethane	2.141	101	258171	53.578	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	157319	56.481	ug/L	97
12) 1,1-Dichloroethene	2.584	96	140481	54.193	ug/L	83
13) Acetone	2.636	43	262744	120.036	ug/L	98
14) Carbon disulfide	2.800	76	405693	49.512	ug/L	100
15) Methyl Acetate	2.951	43	176891	50.680	ug/L	99
16) Methylene chloride	3.051	84	165635	55.683	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	151205	54.080	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	438052	55.534	ug/L	99
19) 1,1-Dichloroethane	3.874	63	275580	57.150	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	169346	55.247	ug/L	97
22) 2-Butanone	4.706	43	306632	108.748	ug/L	98
23) Bromochloromethane	4.980	128	97386	57.866	ug/L	97
25) Chloroform	5.092	83	294766	56.778	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047895.D
 Acq On : 11 Apr 2022 09:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050191

Quant Time: Apr 12 01:55:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 09 01:58:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	224896	56.071	ug/L	98
29) Cyclohexane	5.394	56	218647	55.788	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	249464	56.961	ug/L	99
31) Carbon tetrachloride	5.530	117	221267	55.950	ug/L	100
33) Benzene	5.777	78	643055	57.520	ug/L	100
34) Trichloroethene	6.546	95	164376	56.082	ug/L	99
35) Methylcyclohexane	6.767	83	249527	55.960	ug/L	100
37) 1,2-Dichloropropane	6.793	63	167374	58.892	ug/L	100
38) Bromodichloromethane	7.108	83	225994	57.906	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	248731	56.404	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	477184	106.233	ug/L	99
42) Toluene	7.970	91	706282	57.577	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	249298	56.620	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	174666	57.948	ug/L	99
46) Tetrachloroethene	8.555	164	150630	57.189	ug/L	99
48) 2-Hexanone	8.687	43	416152	107.705	ug/L	99
49) Dibromochloromethane	8.812	129	198736	56.926	ug/L	99
50) 1,2-Dibromoethane	8.925	107	190225	56.294	ug/L	99
51) Chlorobenzene	9.449	112	474656	56.988	ug/L	100
52) Ethylbenzene	9.571	91	738341	57.244	ug/L	98
53) m,p-Xylene	9.697	106	295231	58.335	ug/L	97
54) o-Xylene	10.102	106	285816	57.541	ug/L	99
55) Styrene	10.118	104	501823	59.173	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	306427	54.227	ug/L	100
59) Bromoform	10.291	173	167046	55.329	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	238354	53.551	ug/L	99
61) Isopropylbenzene	10.488	105	735304	57.624	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	384950	55.601	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	601543	57.199	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	392390	55.325	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	399809	54.423	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	394129	55.537	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	72530	50.871	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	316094	54.876	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	274519	54.411	ug/L	99
71) Naphthalene	14.089	128	805824	53.571	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	285152	56.378	ug/L	99

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

