

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048210.D
 Acq On : 22 Apr 2022 07:33
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050094

Quant Time: Apr 22 07:47:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 02:51:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	334473	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	343123	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	196695	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	105547	43.516	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.040%
7) Chloroethane-d5	1.912	69	91066	47.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.240%
11) 1,1-Dichloroethene-d2	2.572	63	200207	45.116	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.240%
21) 2-Butanone-d5	4.620	46	209491	100.628	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.630%
24) Chloroform-d	5.067	84	222681	50.176	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.360%
26) 1,2-Dichloroethane-d4	5.703	65	132366	48.630	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.260%
32) Benzene-d6	5.729	84	441077	51.086	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.180%
36) 1,2-Dichloropropane-d6	6.690	67	145409	54.839	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.680%
41) Toluene-d8	7.899	98	406884	48.369	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.740%
43) trans-1,3-Dichloroprop...	8.179	79	59725	44.460	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.920%
47) 2-Hexanone-d5	8.632	63	138437	89.186	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.190%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	235254	51.698	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	174127	49.759	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	128320	41.382	ug/L	99
3) Chloromethane	1.523	50	137808	46.470	ug/L	99
5) Vinyl chloride	1.607	62	151884	50.219	ug/L	98
6) Bromomethane	1.855	94	71764	44.085	ug/L	97
8) Chloroethane	1.935	64	94316	49.676	ug/L	97
9) Trichlorofluoromethane	2.141	101	194752	45.664	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	123374	50.045	ug/L	99
12) 1,1-Dichloroethene	2.584	96	112732	49.135	ug/L	82
13) Acetone	2.623	43	151919	78.416	ug/L	97
14) Carbon disulfide	2.797	76	284632	39.247	ug/L	100
15) Methyl Acetate	2.948	43	170211	55.097	ug/L	96
16) Methylene chloride	3.047	84	148240	56.305	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	122134	49.353	ug/L	95
18) Methyl tert-butyl Ether	3.362	73	388410	55.633	ug/L	97
19) 1,1-Dichloroethane	3.874	63	245486	57.518	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	146244	53.905	ug/L	96
22) 2-Butanone	4.700	43	245900	98.532	ug/L	95
23) Bromochloromethane	4.977	128	81011	54.386	ug/L	94
25) Chloroform	5.089	83	257427	56.023	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048210.D
 Acq On : 22 Apr 2022 07:33
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050094

Quant Time: Apr 22 07:47:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 02:51:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	184210	51.890	ug/L	98
29) Cyclohexane	5.391	56	174308	50.063	ug/L	95
30) 1,1,1-Trichloroethane	5.317	97	206512	53.079	ug/L	100
31) Carbon tetrachloride	5.526	117	176940	50.363	ug/L	99
33) Benzene	5.777	78	558607	56.244	ug/L	100
34) Trichloroethene	6.542	95	137934	52.974	ug/L	100
35) Methylcyclohexane	6.764	83	183534	46.332	ug/L	97
37) 1,2-Dichloropropane	6.793	63	154161	61.058	ug/L	99
38) Bromodichloromethane	7.105	83	193259	55.740	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	199917	51.031	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	443939	111.251	ug/L	98
42) Toluene	7.970	91	595164	54.615	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	196664	50.278	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	156276	58.361	ug/L	99
46) Tetrachloroethene	8.555	164	112036	47.881	ug/L	97
48) 2-Hexanone	8.681	43	345617	100.689	ug/L	98
49) Dibromochloromethane	8.809	129	165479	53.356	ug/L	99
50) 1,2-Dibromoethane	8.925	107	163623	54.506	ug/L	100
51) Chlorobenzene	9.446	112	408821	55.251	ug/L	98
52) Ethylbenzene	9.571	91	608829	53.134	ug/L	99
53) m,p-Xylene	9.693	106	240031	53.387	ug/L	98
54) o-Xylene	10.102	106	241121	54.642	ug/L	98
55) Styrene	10.115	104	413439	54.877	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	278760	55.530	ug/L	98
59) Bromoform	10.291	173	133953	53.258	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	214727	57.909	ug/L	98
61) Isopropylbenzene	10.484	105	598807	56.330	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	305639	52.991	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	481801	54.993	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	319037	53.996	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	335455	54.812	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	339590	57.440	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	60153	50.644	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	232385	48.427	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	213236	50.733	ug/L	99
71) Naphthalene	14.086	128	590909	47.155	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	211143	50.110	ug/L	98

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

