

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
 Data File : VU046067.D
 Acq On : 03 Dec 2021 11:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050119

Quant Time: Dec 04 03:06:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	250141	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	245647	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	129917	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	76011	36.889	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.780%		
7) Chloroethane-d5	1.919	69	61816	39.073	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.140%		
11) 1,1-Dichloroethene-d2	2.575	63	152642	41.265	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.540%		
21) 2-Butanone-d5	4.639	46	152340	93.002	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.000%		
24) Chloroform-d	5.067	84	155900	45.307	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.620%		
26) 1,2-Dichloroethane-d4	5.706	65	100900	43.693	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.380%		
32) Benzene-d6	5.732	84	314407	44.656	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.320%		
36) 1,2-Dichloropropane-d6	6.694	67	100953	46.266	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.540%		
41) Toluene-d8	7.899	98	288266	44.968	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.940%		
43) trans-1,3-Dichloroprop...	8.182	79	48688	46.223	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.440%		
47) 2-Hexanone-d5	8.636	63	104989	101.480	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.480%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	154355	46.645	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.300%		
66) 1,2-Dichlorobenzene-d4	12.195	152	115178	46.035	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.060%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	123433	45.355	ug/L	99
3) Chloromethane	1.520	50	110670	45.465	ug/L	99
5) Vinyl chloride	1.607	62	117965	48.063	ug/L	100
6) Bromomethane	1.861	94	70442	50.637	ug/L	98
8) Chloroethane	1.938	64	67263	47.332	ug/L	99
9) Trichlorofluoromethane	2.144	101	149616	46.691	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	93155	51.181	ug/L	96
12) 1,1-Dichloroethene	2.584	96	87166	50.397	ug/L	90
13) Acetone	2.655	43	162282	79.271	ug/L	96
14) Carbon disulfide	2.800	76	261728	48.775	ug/L	100
15) Methyl Acetate	2.957	43	111824	46.857	ug/L	99
16) Methylene chloride	3.051	84	99919	48.556	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	95244	52.036	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	301281	53.411	ug/L	100
19) 1,1-Dichloroethane	3.874	63	171486	51.529	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	104781	52.759	ug/L	99
22) 2-Butanone	4.719	43	191390	85.881	ug/L	96
23) Bromochloromethane	4.980	128	53425	53.262	ug/L	94
25) Chloroform	5.092	83	181768	49.158	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
 Data File : VU046067.D
 Acq On : 03 Dec 2021 11:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050119

Quant Time: Dec 04 03:06:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	137592	50.145	ug/L	99
29) Cyclohexane	5.391	56	156607	54.750	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	157857	52.351	ug/L	98
31) Carbon tetrachloride	5.530	117	133303	52.074	ug/L	98
33) Benzene	5.777	78	387786	52.158	ug/L	100
34) Trichloroethene	6.546	95	105968	54.103	ug/L	99
35) Methylcyclohexane	6.768	83	166137	54.705	ug/L	99
37) 1,2-Dichloropropane	6.793	63	100966	51.841	ug/L	99
38) Bromodichloromethane	7.108	83	133296	51.492	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	163456	55.168	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	291823	101.983	ug/L	99
42) Toluene	7.973	91	426249	53.430	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	155871	53.564	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	100638	51.505	ug/L	99
46) Tetrachloroethene	8.555	164	78755	54.715	ug/L	96
48) 2-Hexanone	8.687	43	246581	96.354	ug/L	98
49) Dibromochloromethane	8.812	129	108090	52.679	ug/L	99
50) 1,2-Dibromoethane	8.925	107	111483	52.626	ug/L	98
51) Chlorobenzene	9.449	112	269419	52.201	ug/L	100
52) Ethylbenzene	9.571	91	468984	54.624	ug/L	99
53) m,p-Xylene	9.697	106	184025	54.960	ug/L	98
54) o-xylene	10.102	106	178961	55.082	ug/L	97
55) Styrene	10.118	104	306838	55.317	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	160837	48.012	ug/L	98
59) Bromoform	10.291	173	80492	52.814	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	140656	49.389	ug/L	98
61) Isopropylbenzene	10.488	105	474832	56.174	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	404670	57.436	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	408067	57.890	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	215169	53.588	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	219591	52.917	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	213062	52.693	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	38174	50.316	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	161725	55.278	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	147570	56.841	ug/L	99
71) Naphthalene	14.086	128	533459	59.048	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	150580	56.877	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
Data File : VU046067.D
Acq On : 03 Dec 2021 11:47
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050119

Quant Time: Dec 04 03:06:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

