

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022522\
 Data File : VU047273.D
 Acq On : 25 Feb 2022 16:05
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050173

Quant Time: Feb 28 02:03:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 28 02:01:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	366452	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	358505	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	220540	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	138190	41.522	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.040%
7) Chloroethane-d5	1.919	69	110783	44.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.575	63	245896	44.585	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.160%
21) 2-Butanone-d5	4.642	46	270930	104.965	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.960%
24) Chloroform-d	5.067	84	253883	46.990	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.980%
26) 1,2-Dichloroethane-d4	5.703	65	156242	45.054	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.100%
32) Benzene-d6	5.732	84	513192	43.058	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.120%
36) 1,2-Dichloropropane-d6	6.694	67	158334	40.964	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.920%
41) Toluene-d8	7.899	98	493291	43.469	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.940%
43) trans-1,3-Dichloroprop...	8.179	79	81714	40.342	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.680%
47) 2-Hexanone-d5	8.636	63	218239	98.557	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.560%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	260487	46.219	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.440%
66) 1,2-Dichlorobenzene-d4	12.195	152	213867	40.889	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	148971	43.630	ug/L	100
3) Chloromethane	1.527	50	154885	45.841	ug/L	99
5) Vinyl chloride	1.607	62	147115	43.207	ug/L	100
6) Bromomethane	1.864	94	70732	35.713	ug/L	97
8) Chloroethane	1.938	64	89573	45.632	ug/L	95
9) Trichlorofluoromethane	2.144	101	207194	52.548	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	119698	49.284	ug/L	94
12) 1,1-Dichloroethene	2.584	96	109900	46.119	ug/L	94
13) Acetone	2.658	43	186948	99.425	ug/L	98
14) Carbon disulfide	2.800	76	299328	40.022	ug/L	99
15) Methyl Acetate	2.961	43	162623	51.395	ug/L	98
16) Methylene chloride	3.051	84	125034	47.417	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	117967	47.119	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	378513	44.707	ug/L	97
19) 1,1-Dichloroethane	3.877	63	214400	45.599	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	136393	49.252	ug/L	98
22) 2-Butanone	4.723	43	273024	108.220	ug/L	98
23) Bromochloromethane	4.980	128	70858	48.248	ug/L	94
25) Chloroform	5.092	83	227978	49.498	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022522\
 Data File : VU047273.D
 Acq On : 25 Feb 2022 16:05
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050173

Quant Time: Feb 28 02:03:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 28 02:01:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	174776	47.757	ug/L	100
29) Cyclohexane	5.395	56	189412	40.313	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	196164	45.682	ug/L	99
31) Carbon tetrachloride	5.530	117	170057	45.676	ug/L	99
33) Benzene	5.777	78	503044	44.988	ug/L	100
34) Trichloroethene	6.542	95	132348	45.565	ug/L	99
35) Methylcyclohexane	6.764	83	211240	43.344	ug/L	99
37) 1,2-Dichloropropane	6.793	63	130173	43.461	ug/L	98
38) Bromodichloromethane	7.108	83	173007	45.319	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	213559	43.870	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	449655	94.802	ug/L	97
42) Toluene	7.970	91	558850	45.502	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	205897	44.021	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	133352	47.271	ug/L	98
46) Tetrachloroethene	8.555	164	110801	47.421	ug/L	94
48) 2-Hexanone	8.687	43	381584	97.281	ug/L	97
49) Dibromochloromethane	8.812	129	148357	45.455	ug/L	98
50) 1,2-Dibromoethane	8.925	107	147984	47.224	ug/L	99
51) Chlorobenzene	9.449	112	365529	46.416	ug/L	98
52) Ethylbenzene	9.571	91	605304	45.032	ug/L	100
53) m,p-Xylene	9.693	106	237236	44.484	ug/L	95
54) o-xylene	10.102	106	229499	43.706	ug/L	98
55) Styrene	10.115	104	401767	44.468	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	253810	51.035	ug/L	99
59) Bromoform	10.292	173	124318	41.521	ug/L	97
60) 1,2,3-Trichloropropane	10.825	75	199563	42.448	ug/L	98
61) Isopropylbenzene	10.484	105	612422	39.502	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	434936	39.585	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	540839	40.543	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	314166	43.429	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	320983	44.141	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	317883	44.157	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	68342	45.628	ug/L	85
69) 1,3,5-Trichlorobenzene	13.221	180	264377	47.258	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	250544	47.245	ug/L	98
71) Naphthalene	14.086	128	827908	44.098	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	243917	46.194	ug/L	98

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

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022522\  
Data File : VU047273.D  
Acq On    : 25 Feb 2022  16:05  
Operator  : SY/MD  
Sample    : VSTDCCC050EC  
Misc      : 5.0mL/MSVOA_U/WATER  
ALS Vial  : 12   Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

Quant Time: Feb 28 02:03:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Feb 28 02:01:00 2022
Response via : Initial Calibration

