

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046410.D
 Acq On : 16 Dec 2021 10:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050146

Quant Time: Dec 17 01:47:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 16 02:25:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	147984	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	150675	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	83157	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	71260	58.457	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 116.920%	
7) Chloroethane-d5	1.919	69	49957	53.376	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 106.760%	
11) 1,1-Dichloroethene-d2	2.575	63	113679	51.947	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.900%	
21) 2-Butanone-d5	4.636	46	86086	88.835	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 88.830%	
24) Chloroform-d	5.070	84	118743	58.330	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 116.660%	
26) 1,2-Dichloroethane-d4	5.706	65	75558	55.306	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 110.620%	
32) Benzene-d6	5.732	84	233004	53.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.900%	
36) 1,2-Dichloropropane-d6	6.694	67	70244	52.483	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 104.960%	
41) Toluene-d8	7.902	98	212192	53.964	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.920%	
43) trans-1,3-Dichloroprop...	8.182	79	33636	52.060	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 104.120%	
47) 2-Hexanone-d5	8.636	63	68145	107.384	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 107.380%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	102520	50.509	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 101.020%	
66) 1,2-Dichlorobenzene-d4	12.195	152	78271	48.875	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 97.740%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	69939	43.440	ug/L	99
3) Chloromethane	1.523	50	57563	39.972	ug/L	100
5) Vinyl chloride	1.607	62	63666	43.846	ug/L	97
6) Bromomethane	1.864	94	35821	43.525	ug/L	97
8) Chloroethane	1.941	64	37839	45.008	ug/L	99
9) Trichlorofluoromethane	2.144	101	99403	52.436	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	57010	52.944	ug/L	97
12) 1,1-Dichloroethene	2.588	96	48972	47.860	ug/L	97
13) Acetone	2.649	43	96224	79.451	ug/L	98
14) Carbon disulfide	2.800	76	105660	33.283	ug/L	99
15) Methyl Acetate	2.957	43	66339	46.988	ug/L	99
16) Methylene chloride	3.054	84	60842	49.977	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	51326	47.399	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	188364	56.445	ug/L	99
19) 1,1-Dichloroethane	3.877	63	109038	55.382	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	62888	53.524	ug/L	98
22) 2-Butanone	4.716	43	114036	86.495	ug/L	97
23) Bromochloromethane	4.980	128	32432	54.653	ug/L	95
25) Chloroform	5.092	83	120127	54.915	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046410.D
 Acq On : 16 Dec 2021 10:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050146

Quant Time: Dec 17 01:47:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 16 02:25:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	94584	58.267	ug/L	98
29) Cyclohexane	5.395	56	75271	42.901	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	103136	55.763	ug/L	99
31) Carbon tetrachloride	5.530	117	85983	54.760	ug/L	96
33) Benzene	5.780	78	239537	52.526	ug/L	100
34) Trichloroethene	6.546	95	59693	49.687	ug/L	97
35) Methylcyclohexane	6.767	83	86513	46.442	ug/L	98
37) 1,2-Dichloropropane	6.793	63	66864	55.971	ug/L	99
38) Bromodichloromethane	7.108	83	91771	57.796	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	97410	53.600	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	191134	108.897	ug/L	99
42) Toluene	7.973	91	258188	52.763	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	98452	55.157	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	67407	56.242	ug/L	98
46) Tetrachloroethene	8.555	164	45167	51.159	ug/L	95
48) 2-Hexanone	8.687	43	157801	100.529	ug/L	99
49) Dibromochloromethane	8.812	129	73081	58.067	ug/L	98
50) 1,2-Dibromoethane	8.925	107	68336	52.591	ug/L	100
51) Chlorobenzene	9.449	112	168076	53.091	ug/L	100
52) Ethylbenzene	9.571	91	281021	53.362	ug/L	100
53) m,p-Xylene	9.697	106	110053	53.585	ug/L	99
54) o-xylene	10.102	106	108699	54.544	ug/L	97
55) Styrene	10.115	104	192830	56.675	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	117091	56.985	ug/L	99
59) Bromoform	10.295	173	54157	55.516	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	94816	52.015	ug/L	99
61) Isopropylbenzene	10.488	105	290161	53.629	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	250709	55.593	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	256854	56.928	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	134756	52.433	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	139587	52.552	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	136715	52.824	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	28762	59.228	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	102116	54.530	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	92661	55.760	ug/L	98
71) Naphthalene	14.089	128	344018	59.491	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	99539	58.740	ug/L	100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
Data File : VU046410.D
Acq On : 16 Dec 2021 10:33
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050146

Quant Time: Dec 17 01:47:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 16 02:25:11 2021
Response via : Initial Calibration

