

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062022\
 Data File : VU049318.D
 Acq On : 20 Jun 2022 20:07
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050153

Quant Time: Jun 21 01:14:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 21 01:08:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	251632	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	240092	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	129089	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	71904	46.385	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.760%
7) Chloroethane-d5	1.906	69	57799	50.781	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.560%
11) 1,1-Dichloroethene-d2	2.568	63	141558	48.394	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.780%
21) 2-Butanone-d5	4.623	46	197266	116.067	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.070%
24) Chloroform-d	5.063	84	171628	51.900	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.700	65	107860	50.344	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.680%
32) Benzene-d6	5.726	84	306228	51.437	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.880%
36) 1,2-Dichloropropane-d6	6.690	67	113605	56.763	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.520%
41) Toluene-d8	7.896	98	284202	54.129	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.260%
43) trans-1,3-Dichloroprop...	8.179	79	51940	55.163	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.320%
47) 2-Hexanone-d5	8.632	63	124488	118.845	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.840%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	176875	52.913	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.820%
66) 1,2-Dichlorobenzene-d4	12.192	152	115338	51.351	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	93156	41.952	ug/L	98
3) Chloromethane	1.520	50	98563	42.110	ug/L	98
5) Vinyl chloride	1.604	62	102125	46.026	ug/L	95
6) Bromomethane	1.848	94	42634	34.736	ug/L	100
8) Chloroethane	1.928	64	60057	48.461	ug/L	97
9) Trichlorofluoromethane	2.134	101	141715	45.380	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	82089	46.307	ug/L	95
12) 1,1-Dichloroethene	2.578	96	72518	46.733	ug/L	95
13) Acetone	2.629	43	121780	91.057	ug/L	99
14) Carbon disulfide	2.790	76	177878	45.078	ug/L	100
15) Methyl Acetate	2.948	43	137302	51.761	ug/L	95
16) Methylene chloride	3.044	84	95426	47.224	ug/L	90
17) trans-1,2-Dichloroethene	3.353	96	80134	46.967	ug/L	97
18) Methyl tert-butyl Ether	3.362	73	304086	47.642	ug/L	96
19) 1,1-Dichloroethane	3.867	63	179269	48.772	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	98484	47.445	ug/L	98
22) 2-Butanone	4.703	43	208429	101.414	ug/L	97
23) Bromochloromethane	4.973	128	49344	45.292	ug/L	83
25) Chloroform	5.089	83	185385	48.395	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062022\
 Data File : VU049318.D
 Acq On : 20 Jun 2022 20:07
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050153

Quant Time: Jun 21 01:14:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 21 01:08:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	142904	45.827	ug/L	99
29) Cyclohexane	5.388	56	145305	54.078	ug/L	93
30) 1,1,1-Trichloroethane	5.317	97	154603	46.174	ug/L	98
31) Carbon tetrachloride	5.523	117	128428	43.857	ug/L	98
33) Benzene	5.774	78	385210	49.523	ug/L	100
34) Trichloroethene	6.542	95	95102	48.504	ug/L	97
35) Methylcyclohexane	6.761	83	142775	52.168	ug/L	95
37) 1,2-Dichloropropane	6.790	63	111177	50.686	ug/L	98
38) Bromodichloromethane	7.105	83	142423	48.906	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	160991	49.881	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	395436	107.007	ug/L	97
42) Toluene	7.970	91	403595	50.200	ug/L	96
44) trans-1,3-Dichloropropene	8.208	75	151665	47.456	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	100687	47.372	ug/L	95
46) Tetrachloroethene	8.552	164	67943	44.697	ug/L	97
48) 2-Hexanone	8.684	43	318487	106.013	ug/L	96
49) Dibromochloromethane	8.809	129	108616	45.897	ug/L	99
50) 1,2-Dibromoethane	8.925	107	108861	48.686	ug/L	97
51) Chlorobenzene	9.446	112	254187	46.771	ug/L	96
52) Ethylbenzene	9.568	91	446979	51.134	ug/L	97
53) m,p-Xylene	9.693	106	165694	48.269	ug/L	88
54) o-Xylene	10.098	106	166477	48.135	ug/L	89
55) Styrene	10.115	104	285235	49.386	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	192143	48.509	ug/L	100
59) Bromoform	10.291	173	78522	41.217	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	149381	45.621	ug/L	97
61) Isopropylbenzene	10.484	105	440460	50.232	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	378304	50.534	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	296588	49.763	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	193750	45.044	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	192250	44.145	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	197589	44.265	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	47910	44.332	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	141103	45.920	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	121995	46.950	ug/L	98
71) Naphthalene	14.085	128	417453	45.410	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	127728	46.471	ug/L	99

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

