

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053293.D
 Acq On : 18 Mar 2023 02:19
 Operator : JC/MD
 Sample : 01930-12MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFB8MSD

Quant Time: Mar 18 05:01:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 18 04:29:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	123804	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	114088	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	55971	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51261	44.881	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.760%		
7) Chloroethane-d5	1.909	69	37166	40.229	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.460%		
11) 1,1-Dichloroethene-d2	2.565	63	77711	39.276	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.560%		
21) 2-Butanone-d5	4.613	46	60943	115.043	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	115.040%		
24) Chloroform-d	5.057	84	80079	42.568	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.140%		
26) 1,2-Dichloroethane-d4	5.697	65	55236	47.279	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.560%		
32) Benzene-d6	5.723	84	168849	45.629	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.260%		
36) 1,2-Dichloropropane-d6	6.684	67	56221	47.074	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.140%		
41) Toluene-d8	7.893	98	155349	45.091	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.180%		
43) trans-1,3-Dichloroprop...	8.173	79	26184	44.436	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.880%		
47) 2-Hexanone-d5	8.626	63	46406	124.284	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	124.280%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	82952	53.616	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	107.240%		
66) 1,2-Dichlorobenzene-d4	12.189	152	52233	48.196	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.382	85	52580	40.688	ug/L	98
3) Chloromethane	1.520	50	48635	40.844	ug/L	100
5) Vinyl chloride	1.604	62	747371	573.759	ug/L	98
6) Bromomethane	1.855	94	27927	35.667	ug/L	96
8) Chloroethane	1.932	64	32474	42.206	ug/L	99
9) Trichlorofluoromethane	2.138	101	66778	41.088	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	37669	38.315	ug/L	98
12) 1,1-Dichloroethene	2.578	96	36890	40.574	ug/L	95
13) Acetone	2.617	43	36558	60.594	ug/L	97
14) Carbon disulfide	2.790	76	108287	39.322	ug/L	97
15) Methyl Acetate	2.941	43	36903	44.625	ug/L	99
16) Methylene chloride	3.041	84	42567	38.592	ug/L	96
17) trans-1,2-Dichloroethene	3.350	96	38428	41.655	ug/L	97
18) Methyl tert-butyl Ether	3.356	73	134450	43.342	ug/L	99
19) 1,1-Dichloroethane	3.864	63	79969	42.466	ug/L	100
20) cis-1,2-Dichloroethene	4.658	96	349008	322.099	ug/L	99
22) 2-Butanone	4.694	43	58994	85.827	ug/L	90
23) Bromochloromethane	4.967	128	21067	40.776	ug/L	91
25) Chloroform	5.083	83	82370	43.712	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053293.D
 Acq On : 18 Mar 2023 02:19
 Operator : JC/MD
 Sample : 01930-12MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFB8MSD

Quant Time: Mar 18 05:01:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 18 04:29:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	65693	44.162	ug/L	97
29) Cyclohexane	5.385	56	69979	41.165	ug/L	98
30) 1,1,1-Trichloroethane	5.311	97	67056	43.120	ug/L	99
31) Carbon tetrachloride	5.520	117	53828	42.250	ug/L	98
33) Benzene	5.768	78	175421	44.351	ug/L	100
34) Trichloroethene	6.536	95	44337	42.990	ug/L	98
35) Methylcyclohexane	6.758	83	72323	40.006	ug/L	99
37) 1,2-Dichloropropane	6.787	63	50048	45.353	ug/L	99
38) Bromodichloromethane	7.102	83	60940	44.375	ug/L	94
39) cis-1,3-Dichloropropene	7.600	75	79404	43.796	ug/L	97
40) 4-Methyl-2-pentanone	7.784	43	120923	106.611	ug/L	99
42) Toluene	7.964	91	187565	44.109	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	72602	43.808	ug/L	99
45) 1,1,2-Trichloroethane	8.395	97	45548	45.329	ug/L	99
46) Tetrachloroethene	8.549	164	28815	42.945	ug/L	98
48) 2-Hexanone	8.678	43	95588	100.639	ug/L	100
49) Dibromochloromethane	8.806	129	42572	41.417	ug/L	97
50) 1,2-Dibromoethane	8.919	107	49082	45.842	ug/L	98
51) Chlorobenzene	9.443	112	118660	44.773	ug/L	99
52) Ethylbenzene	9.565	91	210227	43.596	ug/L	99
53) m,p-Xylene	9.690	106	80199	44.559	ug/L	98
54) o-Xylene	10.095	106	78122	43.886	ug/L	98
55) Styrene	10.108	104	129141	43.529	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.777	83	81195	49.286	ug/L	97
59) Bromoform	10.285	173	29097	45.682	ug/L	99
60) 1,2,3-Trichloropropane	10.816	75	61751	55.521	ug/L	99
61) Isopropylbenzene	10.481	105	206709	46.742	ug/L	99
62) 1,3,5-Trimethylbenzene	11.083	105	168569	46.049	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	162234	45.468	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	85111	45.890	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	84495	45.381	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	83849	45.232	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	17961	58.400	ug/L	89
69) 1,3,5-Trichlorobenzene	13.214	180	51069	43.430	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	49175	46.542	ug/L	98
71) Naphthalene	14.082	128	206455	57.974	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	48659	48.563	ug/L	100

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

