

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012623\
 Data File : VU052813.D
 Acq On : 26 Jan 2023 12:13
 Operator : JC/MD
 Sample : VSTD05069
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050069

Quant Time: Jan 27 04:13:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 04:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	279070	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	270128	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	158380	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	100235	33.646	ug/L	0.00
7) Chloroethane-d5	1.913	69	83217	35.406	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	198732	39.245	ug/L	0.00
21) 2-Butanone-d5	4.626	46	127360	68.056	ug/L	0.00
24) Chloroform-d	5.057	84	215099	43.767	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	136911	42.648	ug/L	0.00
32) Benzene-d6	5.723	84	420752	45.280	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.684	67	123397	38.876	ug/L	0.00
41) Toluene-d8	7.893	98	389555	48.859	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.173	79	62225	44.066	ug/L	0.00
47) 2-Hexanone-d5	8.633	63	91115	81.413	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.752	84	180273	42.344	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	152560	48.924	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	123790	49.075	ug/L	100
3) Chloromethane	1.517	50	102195	31.935	ug/L	100
5) Vinyl chloride	1.604	62	113332	37.112	ug/L	100
6) Bromomethane	1.858	94	71718	46.998	ug/L	100
8) Chloroethane	1.932	64	70079	35.744	ug/L	100
9) Trichlorofluoromethane	2.135	101	190022	51.104	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	106694	48.421	ug/L	100
12) 1,1-Dichloroethene	2.578	96	97972	48.066	ug/L	100
13) Acetone	2.639	43	140417	71.142	ug/L	100
14) Carbon disulfide	2.790	76	295572	47.473	ug/L	100
15) Methyl Acetate	2.948	43	99698	33.099	ug/L	100
16) Methylene chloride	3.041	84	116968	43.945	ug/L	100
17) trans-1,2-Dichloroethene	3.350	96	107092	50.031	ug/L	100
18) Methyl tert-butyl Ether	3.360	73	324184	47.574	ug/L	100
19) 1,1-Dichloroethane	3.864	63	190236	40.389	ug/L	100
20) cis-1,2-Dichloroethene	4.662	96	117036	49.221	ug/L	100
22) 2-Butanone	4.704	43	161537	70.748	ug/L	100
23) Bromochloromethane	4.970	128	64361	52.242	ug/L	100
25) Chloroform	5.083	83	210884	46.160	ug/L	100
27) 1,2-Dichloroethane	5.787	62	169782	45.183	ug/L	100
29) Cyclohexane	5.385	56	160615	44.373	ug/L	100
30) 1,1,1-Trichloroethane	5.311	97	192127	52.542	ug/L	100
31) Carbon tetrachloride	5.520	117	168395	54.871	ug/L	100
33) Benzene	5.768	78	453078	46.917	ug/L	100
34) Trichloroethene	6.536	95	111815	49.726	ug/L	100
35) Methylcyclohexane	6.758	83	185571	52.117	ug/L	100
37) 1,2-Dichloropropane	6.784	63	110782	40.098	ug/L	100
38) Bromodichloromethane	7.099	83	158583	46.348	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	176285	46.960	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	271388	75.337	ug/L	100
42) Toluene	7.964	91	476431	50.565	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	173686	47.971	ug/L	100

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45) 1,1,2-Trichloroethane	8.395	97	112616	47.766	ug/L	100
46) Tetrachloroethene	8.549	164	97744	60.167	ug/L	100
48) 2-Hexanone	8.684	43	230359	77.514	ug/L	100
49) Dibromochloromethane	8.806	129	133280	52.826	ug/L	100
50) 1,2-Dibromoethane	8.919	107	121731	50.517	ug/L	100
51) Chlorobenzene	9.443	112	311330	51.381	ug/L	100
52) Ethylbenzene	9.565	91	505719	51.461	ug/L	100
53) m,p-Xylene	9.691	106	207455	55.694	ug/L	100
54) o-xylene	10.096	106	201400	56.150	ug/L	100
55) Styrene	10.109	104	347524	55.124	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	183053	43.579	ug/L	100
59) Bromoform	10.285	173	103875	54.709	ug/L	100
60) 1,2,3-Trichloropropane	10.819	75	145200	40.984	ug/L	100
61) Isopropylbenzene	10.478	105	514129	52.345	ug/L	100
62) 1,3,5-Trimethylbenzene	11.083	105	433464	53.757	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	426446	53.707	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	243075	51.407	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	247073	49.668	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	249053	51.111	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.993	75	41563	41.968	ug/L	100
69) 1,3,5-Trichlorobenzene	13.214	180	176035	52.200	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	143264	50.285	ug/L	100
71) Naphthalene	14.083	128	433616	49.857	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	155910	53.055	ug/L	100

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

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