

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031523\
 Data File : VU053191.D
 Acq On : 15 Mar 2023 10:12
 Operator : JC/MD
 Sample : VSTD01006
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010006

Quant Time: Mar 16 03:44:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 16 03:43:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	173609	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	166754	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	85852	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	15513	9.673	ug/L	0.00
7) Chloroethane-d5	1.916	69	12156	9.103	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	26730	9.754	ug/L	0.00
21) 2-Butanone-d5	4.636	46	14728	17.953	ug/L	0.01
24) Chloroform-d	5.060	84	25142	9.076	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	16174	9.212	ug/L	0.00
32) Benzene-d6	5.726	84	51622	8.863	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	16607	8.741	ug/L	0.00
41) Toluene-d8	7.893	98	48581	9.010	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	8134	8.444	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	10581	16.421	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	21557	8.534	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.185	152	15772	8.505	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	17041	9.566	ug/L	97
3) Chloromethane	1.520	50	16274	9.425	ug/L	96
5) Vinyl chloride	1.604	62	17383	9.383	ug/L	96
6) Bromomethane	1.858	94	10147	8.648	ug/L	96
8) Chloroethane	1.935	64	9979	8.890	ug/L	98
9) Trichlorofluoromethane	2.141	101	22091	9.266	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	13308	9.797	ug/L	97
12) 1,1-Dichloroethene	2.581	96	12154	9.518	ug/L	100
13) Acetone	2.639	43	17370	29.308	ug/L	97
14) Carbon disulfide	2.793	76	36656	8.907	ug/L	100
15) Methyl Acetate	2.951	43	11344	9.850	ug/L	98
16) Methylene chloride	3.044	84	15820	10.698	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	12756	9.808	ug/L	95
18) Methyl tert-butyl Ether	3.359	73	41482	9.509	ug/L	99
19) 1,1-Dichloroethane	3.867	63	25923	10.104	ug/L	97
20) cis-1,2-Dichloroethene	4.662	96	14706	9.685	ug/L	96
22) 2-Butanone	4.707	43	18590	22.084	ug/L	93
23) Bromochloromethane	4.970	128	6589	9.217	ug/L	92
25) Chloroform	5.083	83	24857	9.499	ug/L	95
27) 1,2-Dichloroethane	5.793	62	20431	10.072	ug/L	99
29) Cyclohexane	5.385	56	24412	9.902	ug/L	99
30) 1,1,1-Trichloroethane	5.311	97	21889	9.448	ug/L	100
31) Carbon tetrachloride	5.523	117	17314	8.837	ug/L	98
33) Benzene	5.771	78	54854	9.365	ug/L	100
34) Trichloroethene	6.536	95	14685	9.632	ug/L	96
35) Methylcyclohexane	6.758	83	25312	9.594	ug/L	98
37) 1,2-Dichloropropane	6.787	63	15193	9.370	ug/L	# 97
38) Bromodichloromethane	7.102	83	19118	9.399	ug/L	93
39) cis-1,3-Dichloropropene	7.604	75	24897	9.349	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	32644	18.883	ug/L	99
42) Toluene	7.967	91	58240	9.299	ug/L	97
44) trans-1,3-Dichloropropene	8.208	75	22739	9.258	ug/L	97

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45) 1,1,2-Trichloroethane	8.398	97	13618	9.289	ug/L	97
46) Tetrachloroethene	8.549	164	8967	8.929	ug/L	96
48) 2-Hexanone	8.684	43	26874	19.401	ug/L	99
49) Dibromochloromethane	8.803	129	13981	9.209	ug/L	100
50) 1,2-Dibromoethane	8.922	107	14365	9.179	ug/L	96
51) Chlorobenzene	9.443	112	37308	9.624	ug/L	97
52) Ethylbenzene	9.565	91	66817	9.570	ug/L	99
53) m,p-Xylene	9.690	106	24773	9.461	ug/L	96
54) o-Xylene	10.095	106	24469	9.403	ug/L	100
55) Styrene	10.111	104	39776	9.198	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	23218	9.690	ug/L	97
59) Bromoform	10.288	173	8868	8.487	ug/L #	97
60) 1,2,3-Trichloropropane	10.819	75	16703	9.359	ug/L	98
61) Isopropylbenzene	10.481	105	65600	9.592	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	54438	9.420	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	52506	9.354	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	27411	9.705	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	27430	9.586	ug/L	95
67) 1,2-Dichlorobenzene	12.208	146	27169	9.568	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	4417	8.486	ug/L	95
69) 1,3,5-Trichlorobenzene	13.214	180	16800	8.800	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	14268	7.924	ug/L	98
71) Naphthalene	14.082	128	47060	6.853	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	13364	7.453	ug/L	99

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

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