

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010623\
 Data File : VU052619.D
 Acq On : 06 Jan 2023 10:49
 Operator : JC/MD
 Sample : VSTD00561
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005061

Quant Time: Jan 07 00:19:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 07 00:16:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	293289	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	292673	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	148660	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	17994	6.759	ug/L	0.00
7) Chloroethane-d5	1.916	69	14536	7.259	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	63	29397	6.595	ug/L	0.00
21) 2-Butanone-d5	4.629	46	19654	10.382	ug/L	0.00
24) Chloroform-d	5.064	84	28678	6.235	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	18788	6.398	ug/L	0.00
32) Benzene-d6	5.726	84	50200	5.447	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	18403	6.333	ug/L	0.00
41) Toluene-d8	7.896	98	39674	4.862	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	7273	5.342	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	9238	6.590	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	23837	5.488	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	14985	5.015	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	15031	5.842	ug/L	100
3) Chloromethane	1.520	50	20784	8.295	ug/L	100
5) Vinyl chloride	1.607	62	18405	7.294	ug/L	100
6) Bromomethane	1.858	94	8941	5.864	ug/L	98
8) Chloroethane	1.935	64	12375	7.958	ug/L	93
9) Trichlorofluoromethane	2.141	101	20688	5.788	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	12557	6.184	ug/L	94
12) 1,1-Dichloroethene	2.584	96	11599	6.104	ug/L	81
13) Acetone	2.630	43	26933	15.205	ug/L	98
14) Carbon disulfide	2.793	76	35811	6.296	ug/L	100
15) Methyl Acetate	2.948	43	17704	7.515	ug/L	99
16) Methylene chloride	3.047	84	16382	6.858	ug/L	95
17) trans-1,2-Dichloroethene	3.353	96	11308	5.683	ug/L	95
18) Methyl tert-butyl Ether	3.359	73	34083	5.707	ug/L	98
19) 1,1-Dichloroethane	3.867	63	28074	7.420	ug/L	96
20) cis-1,2-Dichloroethene	4.665	96	12327	5.769	ug/L	97
22) 2-Butanone	4.707	43	24660	12.099	ug/L #	70
23) Bromochloromethane	4.970	128	6750	5.949	ug/L	95
25) Chloroform	5.086	83	26086	6.484	ug/L	98
27) 1,2-Dichloroethane	5.790	62	21802	6.986	ug/L	99
29) Cyclohexane	5.388	56	17876	5.753	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	21094	6.070	ug/L	98
31) Carbon tetrachloride	5.523	117	17022	5.701	ug/L	99
33) Benzene	5.771	78	53274	6.139	ug/L	100
34) Trichloroethene	6.543	95	12455	5.623	ug/L	99
35) Methylcyclohexane	6.764	83	16571	4.846	ug/L	99
37) 1,2-Dichloropropane	6.790	63	16209	7.120	ug/L	98
38) Bromodichloromethane	7.102	83	20108	6.610	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	18801	5.543	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	34705	11.094	ug/L	99
42) Toluene	7.967	91	47088	5.254	ug/L	96
44) trans-1,3-Dichloropropene	8.208	75	17439	5.268	ug/L	93

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45) 1,1,2-Trichloroethane	8.398	97	13373	5.987	ug/L	96
46) Tetrachloroethene	8.552	164	8513	5.149	ug/L	96
48) 2-Hexanone	8.684	43	27934	10.618	ug/L	97
49) Dibromochloromethane	8.806	129	13877	5.701	ug/L	98
50) 1,2-Dibromoethane	8.922	107	13033	5.653	ug/L #	93
51) Chlorobenzene	9.446	112	33318	5.734	ug/L	96
52) Ethylbenzene	9.568	91	46083	4.871	ug/L	97
53) m,p-Xylene	9.694	106	16540	4.543	ug/L	91
54) o-xylene	10.099	106	15101	4.345	ug/L	95
55) Styrene	10.112	104	26460	4.306	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.777	83	23741	6.030	ug/L	98
59) Bromoform	10.288	173	9594	5.624	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	19578	6.473	ug/L	98
61) Isopropylbenzene	10.481	105	40443	4.694	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	28971	4.034	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	28061	3.920	ug/L	96
64) 1,3-Dichlorobenzene	11.742	146	21724	5.012	ug/L	96
65) 1,4-Dichlorobenzene	11.832	146	24674	5.462	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	23374	5.359	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	5180	5.807	ug/L	90
69) 1,3,5-Trichlorobenzene	13.217	180	15067	4.595	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	11905	4.297	ug/L	96
71) Naphthalene	14.086	128	29845	3.378	ug/L	97
72) 1,2,3-Trichlorobenzene	14.327	180	11771	4.187	ug/L	97

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

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