

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043023\
 Data File : VU053981.D
 Acq On : 29 Apr 2023 12:53
 Operator : JC/MD
 Sample : VSTD00517
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005017

Quant Time: May 01 01:51:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 01 01:49:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	291173	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	265792	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	132815	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	10763	4.799	ug/L	0.00
7) Chloroethane-d5	1.912	69	7424	4.398	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	19529	5.472	ug/L	0.00
21) 2-Butanone-d5	4.639	46	10723	10.010	ug/L	0.01
24) Chloroform-d	5.060	84	20264	5.342	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	13250	5.825	ug/L	0.00
32) Benzene-d6	5.726	84	39546	5.428	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	12096	5.375	ug/L	0.00
41) Toluene-d8	7.896	98	34114	4.775	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	5646	4.867	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	7657	9.855	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	15909	5.109	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	13027	4.726	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	10866	4.728	ug/L	100
3) Chloromethane	1.520	50	9990	5.197	ug/L	98
5) Vinyl chloride	1.604	62	10136	4.597	ug/L	91
6) Bromomethane	1.858	94	6005	3.913	ug/L	92
8) Chloroethane	1.935	64	6260	4.790	ug/L	89
9) Trichlorofluoromethane	2.137	101	17063	5.037	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	9868	4.982	ug/L	96
12) 1,1-Dichloroethene	2.578	96	8477	4.805	ug/L	90
13) Acetone	2.636	43	13902	14.058	ug/L	95
14) Carbon disulfide	2.793	76	17980	3.990	ug/L	96
15) Methyl Acetate	2.954	43	8849	5.882	ug/L #	71
16) Methylene chloride	3.047	84	11574	5.731	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	8513	4.808	ug/L	95
18) Methyl tert-butyl Ether	3.363	73	31001	5.716	ug/L	99
19) 1,1-Dichloroethane	3.867	63	18600	6.000	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	10763	5.192	ug/L	85
22) 2-Butanone	4.713	43	14095	11.886	ug/L	97
23) Bromochloromethane	4.967	128	5673	4.978	ug/L #	81
25) Chloroform	5.086	83	19643	5.621	ug/L	95
27) 1,2-Dichloroethane	5.793	62	15519	5.975	ug/L	96
29) Cyclohexane	5.385	56	13526	5.233	ug/L	94
30) 1,1,1-Trichloroethane	5.311	97	17296	5.784	ug/L	99
31) Carbon tetrachloride	5.523	117	14165	5.323	ug/L	99
33) Benzene	5.771	78	39463	5.572	ug/L	100
34) Trichloroethene	6.539	95	10113	4.842	ug/L	92
35) Methylcyclohexane	6.761	83	14357	4.726	ug/L	96
37) 1,2-Dichloropropane	6.787	63	11223	6.110	ug/L	98
38) Bromodichloromethane	7.102	83	13762	5.681	ug/L	95
39) cis-1,3-Dichloropropene	7.607	75	16767	5.612	ug/L	94
40) 4-Methyl-2-pentanone	7.790	43	23785	11.652	ug/L	98
42) Toluene	7.967	91	40879	5.179	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	15474	5.505	ug/L	98

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45) 1,1,2-Trichloroethane	8.398	97	11113	5.669	ug/L	98
46) Tetrachloroethene	8.552	164	9014	5.279	ug/L	95
48) 2-Hexanone	8.684	43	17958	10.881	ug/L	99
49) Dibromochloromethane	8.806	129	10167	5.047	ug/L	100
50) 1,2-Dibromoethane	8.919	107	10508	4.869	ug/L #	98
51) Chlorobenzene	9.446	112	27541	5.103	ug/L	98
52) Ethylbenzene	9.568	91	44314	5.044	ug/L	98
53) m,p-Xylene	9.693	106	16742	4.905	ug/L	97
54) o-Xylene	10.095	106	15957	4.739	ug/L	99
55) Styrene	10.111	104	26369	4.746	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	16520	5.633	ug/L	98
59) Bromoform	10.288	173	7164	5.183	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	13329	6.595	ug/L	96
61) Isopropylbenzene	10.481	105	41747	5.243	ug/L	98
62) 1,3,5-Trimethylbenzene	11.082	105	33011	5.000	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	31969	4.886	ug/L	96
64) 1,3-Dichlorobenzene	11.745	146	21825	5.314	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	21609	5.149	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	21537	5.247	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.996	75	2762	5.106	ug/L	92
69) 1,3,5-Trichlorobenzene	13.214	180	14256	4.705	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	12347	4.399	ug/L	100
71) Naphthalene	14.086	128	32127	3.839	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	12047	4.294	ug/L	96

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

