

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083022\
 Data File : VU050518.D
 Acq On : 30 Aug 2022 15:38
 Operator : SY/MD
 Sample : VSTD10016
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100016

Quant Time: Aug 31 01:26:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 31 01:24:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	377757	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	364732	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	181165	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	287314	69.405	ug/L	0.00
7) Chloroethane-d5	1.880	69	215486	70.205	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.555	63	487925	81.449	ug/L	0.00
21) 2-Butanone-d5	4.623	46	523786	183.719	ug/L	0.00
24) Chloroform-d	5.060	84	560416	81.658	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	352326	81.924	ug/L	0.00
32) Benzene-d6	5.726	84	1139564	88.322	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	380318	88.178	ug/L	0.00
41) Toluene-d8	7.896	98	1023572	90.919	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	161917	90.862	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	336739	213.530	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	632600	95.083	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	379585	90.245	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	236314	85.263	ug/L	100
3) Chloromethane	1.514	50	366587	104.627	ug/L	99
5) Vinyl chloride	1.600	62	354649	104.832	ug/L	99
6) Bromomethane	1.832	94	130683	98.543	ug/L	100
8) Chloroethane	1.906	64	209433	101.476	ug/L	99
9) Trichlorofluoromethane	2.118	101	411676	98.290	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	252149	98.941	ug/L	99
12) 1,1-Dichloroethene	2.568	96	256147	108.881	ug/L	97
13) Acetone	2.626	43	377048	191.688	ug/L	99
14) Carbon disulfide	2.780	76	639713	107.951	ug/L	100
15) Methyl Acetate	2.944	43	391280	109.142	ug/L	99
16) Methylene chloride	3.038	84	348165	103.925	ug/L	98
17) trans-1,2-Dichloroethene	3.343	96	278797	112.104	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	964663	120.078	ug/L	100
19) 1,1-Dichloroethane	3.861	63	554681	103.542	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	333441	111.755	ug/L	98
22) 2-Butanone	4.703	43	604773	223.782	ug/L	99
23) Bromochloromethane	4.970	128	174579	107.095	ug/L	99
25) Chloroform	5.086	83	573352	101.180	ug/L	98
27) 1,2-Dichloroethane	5.790	62	452046	105.350	ug/L	100
29) Cyclohexane	5.385	56	444601	131.089	ug/L	100
30) 1,1,1-Trichloroethane	5.311	97	440127	105.101	ug/L	99
31) Carbon tetrachloride	5.520	117	345450	102.307	ug/L	98
33) Benzene	5.771	78	1300157	114.684	ug/L	100
34) Trichloroethene	6.539	95	295132	111.016	ug/L	99
35) Methylcyclohexane	6.761	83	452299	124.469	ug/L	99
37) 1,2-Dichloropropane	6.790	63	357067	109.084	ug/L	100
38) Bromodichloromethane	7.105	83	412388	100.929	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	506886	117.936	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	1097609	247.870	ug/L	99
42) Toluene	7.970	91	1335731	117.552	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	467402	117.195	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	339553	105.603	ug/L	99
46) Tetrachloroethene	8.552	164	212015	109.734	ug/L	98
48) 2-Hexanone	8.687	43	931085	251.577	ug/L	97
49) Dibromochloromethane	8.809	129	318111	98.523	ug/L	98
50) 1,2-Dibromoethane	8.925	107	361290	111.452	ug/L	99
51) Chlorobenzene	9.446	112	796273	107.369	ug/L	99
52) Ethylbenzene	9.571	91	1341185	117.812	ug/L	100
53) m,p-Xylene	9.693	106	516578	121.489	ug/L	99
54) o-Xylene	10.102	106	529424	124.228	ug/L	100
55) Styrene	10.115	104	905948	125.974	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	667265	114.393	ug/L	100
59) Bromoform	10.291	173	236248	91.963	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	503107	104.670	ug/L	99
61) Isopropylbenzene	10.484	105	1274343	111.505	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	1101367	118.488	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	1080045	119.322	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	585632	105.447	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	585392	105.094	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	648994	110.503	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	132687	106.445	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	399270	105.240	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	349295	114.513	ug/L	99
71) Naphthalene	14.086	128	1393032	134.620	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	386945	115.000	ug/L	99

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

