

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083022\
 Data File : VU050516.D
 Acq On : 30 Aug 2022 14:49
 Operator : SY/MD
 Sample : VSTD01014
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010014

Quant Time: Aug 31 01:25:13 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	6.250	114	375775	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	362647	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	146488	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	28826	7.000	ug/L	0.00
7) Chloroethane-d5	1.899	69	24103	7.894	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	63	48870	8.201	ug/L	0.00
21) 2-Butanone-d5	4.636	46	47119	16.614	ug/L	0.00
24) Chloroform-d	5.063	84	57247	8.385	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	38030	8.890	ug/L	0.00
32) Benzene-d6	5.726	84	115568	9.009	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	37975	8.855	ug/L	0.00
41) Toluene-d8	7.899	98	93768	8.377	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	13581	7.665	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	21929	13.985	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	56711	8.573	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	31434	9.242	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	22879	8.298	ug/L	96
3) Chloromethane	1.517	50	44080	12.647	ug/L	100
5) Vinyl chloride	1.600	62	37874	11.254	ug/L	99
6) Bromomethane	1.842	94	16950	12.849	ug/L	99
8) Chloroethane	1.922	64	24564	11.965	ug/L	98
9) Trichlorofluoromethane	2.131	101	42512	10.204	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	24283	9.579	ug/L	99
12) 1,1-Dichloroethene	2.575	96	26506	11.326	ug/L	96
13) Acetone	2.633	43	39395	20.134	ug/L	99
14) Carbon disulfide	2.787	76	60068	10.190	ug/L	97
15) Methyl Acetate	2.951	43	41454	11.624	ug/L	97
16) Methylene chloride	3.041	84	48341	14.506	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	28765	11.627	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	95101	11.900	ug/L	98
19) 1,1-Dichloroethane	3.867	63	61153	11.476	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	32956	11.104	ug/L	96
22) 2-Butanone	4.713	43	60131	22.367	ug/L	96
23) Bromochloromethane	4.973	128	18637	11.493	ug/L	97
25) Chloroform	5.086	83	62875	11.154	ug/L	98
27) 1,2-Dichloroethane	5.796	62	49093	11.502	ug/L	99
29) Cyclohexane	5.388	56	35338	10.479	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	45290	10.877	ug/L	99
31) Carbon tetrachloride	5.523	117	33214	9.893	ug/L	99
33) Benzene	5.774	78	139016	12.333	ug/L	100
34) Trichloroethene	6.542	95	31156	11.787	ug/L	99
35) Methylcyclohexane	6.761	83	35311	9.773	ug/L	99
37) 1,2-Dichloropropane	6.790	63	37967	11.666	ug/L	99
38) Bromodichloromethane	7.105	83	40804	10.044	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	44100	10.320	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	99068	22.501	ug/L	97
42) Toluene	7.970	91	130005	11.507	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	39912	10.065	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	36450	11.401	ug/L	98
46) Tetrachloroethene	8.552	164	21194	11.033	ug/L	97
48) 2-Hexanone	8.687	43	82037	22.294	ug/L	99
49) Dibromochloromethane	8.809	129	29231	9.105	ug/L	97
50) 1,2-Dibromoethane	8.925	107	36523	11.332	ug/L	97
51) Chlorobenzene	9.449	112	82379	11.172	ug/L	99
52) Ethylbenzene	9.571	91	118273	10.449	ug/L	99
53) m,p-Xylene	9.693	106	43289	10.239	ug/L	99
54) o-Xylene	10.102	106	44011	10.386	ug/L	100
55) Styrene	10.115	104	70624	9.877	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	62604	10.794	ug/L	98
59) Bromoform	10.291	173	20052	9.653	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	48761	12.546	ug/L	100
61) Isopropylbenzene	10.484	105	101745	11.010	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	80149	10.664	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	75935	10.375	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	50353	11.213	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	51444	11.422	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	54904	11.561	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.995	75	9687	9.611	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	33373	10.879	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	28598	11.595	ug/L	98
71) Naphthalene	14.089	128	101644	12.148	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	32740	12.034	ug/L	99

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

