

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082422\
 Data File : VU050421.D
 Acq On : 24 Aug 2022 11:46
 Operator : SY/MD
 Sample : VSTD05009
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050009

Quant Time: Aug 25 04:25:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 25 04:23:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	343940	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	336928	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	161311	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	202892	64.715	ug/L	0.00
7) Chloroethane-d5	1.906	69	161034	69.100	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	287919	54.642	ug/L	0.00
21) 2-Butanone-d5	4.623	46	269510	106.588	ug/L	0.00
24) Chloroform-d	5.063	84	325465	60.081	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	198295	55.016	ug/L	0.00
32) Benzene-d6	5.726	84	655481	60.715	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	208583	58.106	ug/L	0.00
41) Toluene-d8	7.896	98	589663	62.276	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	88350	58.503	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	161768	103.641	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	319103	62.027	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	191967	59.752	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	133799	34.711	ug/L	100
3) Chloromethane	1.520	50	152001	35.623	ug/L	100
5) Vinyl chloride	1.604	62	153665	39.317	ug/L	100
6) Bromomethane	1.848	94	58369	33.172	ug/L	100
8) Chloroethane	1.928	64	96435	43.443	ug/L	100
9) Trichlorofluoromethane	2.134	101	195313	40.328	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	115976	44.769	ug/L	100
12) 1,1-Dichloroethene	2.578	96	105516	43.992	ug/L	100
13) Acetone	2.629	43	150860	68.245	ug/L	100
14) Carbon disulfide	2.790	76	266197	34.232	ug/L	100
15) Methyl Acetate	2.948	43	151828	41.025	ug/L	100
16) Methylene chloride	3.044	84	140403	45.822	ug/L	100
17) trans-1,2-Dichloroethene	3.353	96	110408	42.175	ug/L	100
18) Methyl tert-butyl Ether	3.362	73	350109	39.699	ug/L	100
19) 1,1-Dichloroethane	3.867	63	236057	43.373	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	134973	45.310	ug/L	100
22) 2-Butanone	4.703	43	231896	77.077	ug/L	100
23) Bromochloromethane	4.973	128	72599	48.392	ug/L	100
25) Chloroform	5.086	83	251841	45.607	ug/L	100
27) 1,2-Dichloroethane	5.793	62	187780	40.689	ug/L	100
29) Cyclohexane	5.388	56	165625	34.122	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	195500	41.711	ug/L	100
31) Carbon tetrachloride	5.523	117	160186	41.776	ug/L	100
33) Benzene	5.774	78	540783	43.935	ug/L	100
34) Trichloroethene	6.542	95	123845	41.914	ug/L	100
35) Methylcyclohexane	6.764	83	175216	38.715	ug/L	100
37) 1,2-Dichloropropane	6.790	63	149174	43.771	ug/L	100
38) Bromodichloromethane	7.105	83	188471	44.242	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	198906	43.563	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	416410	77.387	ug/L	100
42) Toluene	7.970	91	557726	45.415	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	187315	43.371	ug/L	100

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45) 1,1,2-Trichloroethane	8.398	97	148098	48.439	ug/L	100
46) Tetrachloroethene	8.552	164	90486	43.860	ug/L	100
48) 2-Hexanone	8.684	43	357773	82.054	ug/L	100
49) Dibromochloromethane	8.809	129	149491	48.568	ug/L	100
50) 1,2-Dibromoethane	8.922	107	145996	47.997	ug/L	100
51) Chlorobenzene	9.446	112	340086	45.400	ug/L	100
52) Ethylbenzene	9.571	91	545434	42.702	ug/L	100
53) m,p-Xylene	9.693	106	208081	44.329	ug/L	100
54) o-Xylene	10.102	106	209379	44.466	ug/L	100
55) Styrene	10.115	104	365743	46.637	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	267848	49.032	ug/L	100
59) Bromoform	10.291	173	111519	50.693	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	203507	47.517	ug/L	100
61) Isopropylbenzene	10.484	105	531952	45.280	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	427204	43.601	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	422739	43.520	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	245632	47.129	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	242786	46.372	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	257263	47.303	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	53445	43.511	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	165093	45.675	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	136078	41.723	ug/L	100
71) Naphthalene	14.085	128	464513	40.353	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	153737	44.996	ug/L	100

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

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