

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051622\
 Data File : VU048581.D
 Acq On : 16 May 2022 14:15
 Operator : SY/MD
 Sample : VSTD20072
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200072

Quant Time: May 17 06:44:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 17 06:41:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	270639	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	263505	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	169500	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	305609	140.307	ug/L	0.00
7) Chloroethane-d5	1.900	69	215769	151.290	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.565	63	692963	170.879	ug/L	0.00
21) 2-Butanone-d5	4.616	46	616641	321.792	ug/L	-0.01
24) Chloroform-d	5.063	84	779140	191.935	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	545700	203.393	ug/L	0.00
32) Benzene-d6	5.729	84	1370596	174.842	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	404191	161.890	ug/L	0.00
41) Toluene-d8	7.899	98	1322542	188.275	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	262336	213.926	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	499922	399.538	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	706835	183.553	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	639750	190.853	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	539706	209.993	ug/L	98
3) Chloromethane	1.523	50	344394	131.823	ug/L	98
5) Vinyl chloride	1.604	62	355711	140.602	ug/L	98
6) Bromomethane	1.835	94	250920	190.216	ug/L	100
8) Chloroethane	1.922	64	196237	142.795	ug/L	100
9) Trichlorofluoromethane	2.131	101	685981	191.489	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	351699	174.588	ug/L	98
12) 1,1-Dichloroethene	2.578	96	327397	173.883	ug/L	99
13) Acetone	2.623	43	411518	272.682	ug/L	100
14) Carbon disulfide	2.790	76	915308	159.366	ug/L	100
15) Methyl Acetate	2.945	43	406725	139.225	ug/L	99
16) Methylene chloride	3.041	84	365568	160.741	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	352348	175.792	ug/L	99
18) Methyl tert-butyl Ether	3.363	73	1283036	187.536	ug/L	99
19) 1,1-Dichloroethane	3.867	63	655647	160.588	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	402706	176.479	ug/L	99
22) 2-Butanone	4.697	43	604464	279.615	ug/L	100
23) Bromochloromethane	4.973	128	220089	180.804	ug/L	98
25) Chloroform	5.086	83	758674	182.845	ug/L	99
27) 1,2-Dichloroethane	5.793	62	651087	188.775	ug/L	99
29) Cyclohexane	5.388	56	535321	153.863	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	756474	200.247	ug/L	99
31) Carbon tetrachloride	5.523	117	689053	209.508	ug/L	98
33) Benzene	5.774	78	1448495	162.432	ug/L	100
34) Trichloroethene	6.542	95	410470	181.617	ug/L	99
35) Methylcyclohexane	6.764	83	618947	176.233	ug/L	100
37) 1,2-Dichloropropane	6.790	63	362428	148.553	ug/L	100
38) Bromodichloromethane	7.105	83	601024	191.184	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	681544	189.951	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	1165186	299.140	ug/L	99
42) Toluene	7.970	91	1624659	174.314	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	700029	196.244	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	395957	173.003	ug/L	99
46) Tetrachloroethene	8.552	164	339828	196.399	ug/L	97
48) 2-Hexanone	8.684	43	971994	297.784	ug/L	99
49) Dibromochloromethane	8.812	129	519721	203.933	ug/L	98
50) 1,2-Dibromoethane	8.925	107	454979	186.250	ug/L	99
51) Chlorobenzene	9.446	112	1120788	187.386	ug/L	99
52) Ethylbenzene	9.571	91	1890857	192.268	ug/L	99
53) m,p-Xylene	9.693	106	758736	197.993	ug/L	99
54) o-Xylene	10.102	106	741594	194.459	ug/L	98
55) Styrene	10.115	104	1294284	206.330	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	716523	171.344	ug/L	97
59) Bromoform	10.291	173	444345	181.911	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	622538	145.165	ug/L	99
61) Isopropylbenzene	10.484	105	2001365	169.337	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	1205861	183.616	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	1873339	190.913	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	1009776	179.233	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	1026350	181.009	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	1016473	177.183	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	249968	189.570	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	805814	197.680	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	741404	204.791	ug/L	99
71) Naphthalene	14.086	128	2499820	182.287	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	717637	188.595	ug/L	99

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

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