

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050622\
 Data File : VU048454.D
 Acq On : 06 May 2022 14:12
 Operator : SY/MD
 Sample : VSTD05064
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050064

Quant Time: May 06 23:20:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 23:19:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	403634	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	388562	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	204813	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	172575	47.202	ug/L	0.00
7) Chloroethane-d5	1.900	69	125539	49.519	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	307631	51.583	ug/L	0.00
21) 2-Butanone-d5	4.620	46	296932	95.863	ug/L	0.00
24) Chloroform-d	5.063	84	304449	46.281	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	198636	49.923	ug/L	0.00
32) Benzene-d6	5.726	84	604842	49.908	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	200314	49.828	ug/L	0.00
41) Toluene-d8	7.899	98	540682	49.525	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	91050	51.204	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	195028	93.975	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	302583	44.360	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	199370	44.507	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	175859	56.717	ug/L	100
3) Chloromethane	1.520	50	195940	54.966	ug/L	100
5) Vinyl chloride	1.604	62	189471	53.564	ug/L	100
6) Bromomethane	1.839	94	100833	58.585	ug/L	100
8) Chloroethane	1.922	64	104782	53.361	ug/L	100
9) Trichlorofluoromethane	2.134	101	252138	54.929	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	143739	48.212	ug/L	100
12) 1,1-Dichloroethene	2.578	96	138546	52.378	ug/L	100
13) Acetone	2.626	43	192529	95.586	ug/L	100
14) Carbon disulfide	2.793	76	422180	62.281	ug/L	100
15) Methyl Acetate	2.948	43	220812	54.480	ug/L	100
16) Methylene chloride	3.047	84	167521	49.865	ug/L	100
17) trans-1,2-Dichloroethene	3.353	96	148794	53.854	ug/L	100
18) Methyl tert-butyl Ether	3.363	73	496940	54.683	ug/L	100
19) 1,1-Dichloroethane	3.867	63	301300	52.437	ug/L	100
20) cis-1,2-Dichloroethene	4.668	96	163890	50.376	ug/L	100
22) 2-Butanone	4.700	43	314386	105.592	ug/L	100
23) Bromochloromethane	4.977	128	84839	47.264	ug/L	100
25) Chloroform	5.089	83	298613	51.306	ug/L	100
27) 1,2-Dichloroethane	5.793	62	244569	56.119	ug/L	100
29) Cyclohexane	5.388	56	271565	68.986	ug/L	100
30) 1,1,1-Trichloroethane	5.317	97	265150	58.800	ug/L	100
31) Carbon tetrachloride	5.526	117	226522	58.898	ug/L	100
33) Benzene	5.774	78	655253	56.500	ug/L	100
34) Trichloroethene	6.542	95	156873	55.079	ug/L	100
35) Methylcyclohexane	6.764	83	263449	63.809	ug/L	100
37) 1,2-Dichloropropane	6.790	63	183806	55.802	ug/L	100
38) Bromodichloromethane	7.105	83	222198	53.695	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	264070	56.604	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	586766	118.587	ug/L	100
42) Toluene	7.970	91	681260	56.335	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	252904	55.958	ug/L	100

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45) 1,1,2-Trichloroethane	8.401	97	161628	48.531	ug/L	100
46) Tetrachloroethene	8.552	164	121214	50.966	ug/L	100
48) 2-Hexanone	8.684	43	478805	116.470	ug/L	100
49) Dibromochloromethane	8.809	129	174883	47.813	ug/L	100
50) 1,2-Dibromoethane	8.925	107	174417	50.806	ug/L	100
51) Chlorobenzene	9.446	112	416915	48.913	ug/L	100
52) Ethylbenzene	9.571	91	713266	56.797	ug/L	100
53) m,p-Xylene	9.693	106	276355	56.421	ug/L	100
54) o-Xylene	10.102	106	281989	57.232	ug/L	100
55) Styrene	10.115	104	461354	55.804	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	311420	47.726	ug/L	100
59) Bromoform	10.292	173	134313	46.493	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	253658	52.915	ug/L	100
61) Isopropylbenzene	10.484	105	697244	59.758	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	383169	61.847	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	592028	62.823	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	321123	50.987	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	319050	49.401	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	330591	49.673	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	73628	56.637	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	227294	48.958	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	184714	50.031	ug/L	100
71) Naphthalene	14.086	128	628013	57.728	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	194913	51.464	ug/L	100

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

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