

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU050981.D
 Acq On : 29 Sep 2022 15:40
 Operator : JC/MD
 Sample : VSTD05039
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050039

Quant Time: Sep 30 01:22:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:20:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	343310	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	370413	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	199321	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	166020	47.287	ug/L	0.00
7) Chloroethane-d5	1.900	69	139730	54.331	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	243012	44.868	ug/L	0.00
21) 2-Butanone-d5	4.616	46	215199	95.158	ug/L	0.00
24) Chloroform-d	5.060	84	266201	48.250	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	164692	48.412	ug/L	0.00
32) Benzene-d6	5.726	84	541084	45.656	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	172593	43.328	ug/L	0.00
41) Toluene-d8	7.896	98	504023	48.264	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	82062	46.749	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	144778	89.132	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	303855	48.751	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	212450	50.545	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	134050	39.462	ug/L	100
3) Chloromethane	1.517	50	157573	39.795	ug/L	100
5) Vinyl chloride	1.604	62	166775	42.447	ug/L	100
6) Bromomethane	1.838	94	139916	64.249	ug/L	100
8) Chloroethane	1.922	64	109535	49.138	ug/L	100
9) Trichlorofluoromethane	2.131	101	223420	50.528	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	121894	44.232	ug/L	100
12) 1,1-Dichloroethene	2.575	96	113705	44.076	ug/L	100
13) Acetone	2.623	43	153783	81.677	ug/L	100
14) Carbon disulfide	2.787	76	335331	41.538	ug/L	100
15) Methyl Acetate	2.944	43	153150	43.056	ug/L	100
16) Methylene chloride	3.041	84	150120	41.644	ug/L	100
17) trans-1,2-Dichloroethene	3.350	96	119990	45.251	ug/L	100
18) Methyl tert-butyl Ether	3.359	73	376943	46.461	ug/L	100
19) 1,1-Dichloroethane	3.864	63	235619	44.220	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	138090	46.825	ug/L	100
22) 2-Butanone	4.697	43	235095	94.346	ug/L	100
23) Bromochloromethane	4.973	128	75270	48.077	ug/L	100
25) Chloroform	5.086	83	255274	47.335	ug/L	100
27) 1,2-Dichloroethane	5.790	62	194993	47.667	ug/L	100
29) Cyclohexane	5.385	56	176355	37.036	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	206499	43.176	ug/L	100
31) Carbon tetrachloride	5.523	117	169819	42.827	ug/L	100
33) Benzene	5.771	78	559668	42.766	ug/L	100
34) Trichloroethene	6.539	95	138981	44.865	ug/L	100
35) Methylcyclohexane	6.761	83	194369	40.162	ug/L	100
37) 1,2-Dichloropropane	6.787	63	148157	41.404	ug/L	100
38) Bromodichloromethane	7.105	83	192145	44.271	ug/L	100
39) cis-1,3-Dichloropropene	7.603	75	207601	43.162	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	437352	88.864	ug/L	100
42) Toluene	7.967	91	599113	45.772	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	210803	45.776	ug/L	100

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45) 1,1,2-Trichloroethane	8.398	97	155881	46.196	ug/L	100
46) Tetrachloroethene	8.552	164	103411	46.210	ug/L	100
48) 2-Hexanone	8.684	43	401941	96.053	ug/L	100
49) Dibromochloromethane	8.809	129	162408	48.540	ug/L	100
50) 1,2-Dibromoethane	8.922	107	166362	47.369	ug/L	100
51) Chlorobenzene	9.446	112	382690	46.954	ug/L	100
52) Ethylbenzene	9.568	91	650579	48.818	ug/L	100
53) m,p-Xylene	9.690	106	243872	49.574	ug/L	100
54) o-Xylene	10.099	106	242090	49.225	ug/L	100
55) Styrene	10.111	104	432952	51.243	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	288582	46.157	ug/L	100
59) Bromoform	10.288	173	129387	45.538	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	238395	43.466	ug/L	100
61) Isopropylbenzene	10.481	105	635965	45.919	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	560946	48.788	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	531663	47.223	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	296079	46.277	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	308034	46.911	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	342440	49.417	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	72094	47.105	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	211305	46.441	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	170940	46.135	ug/L	100
71) Naphthalene	14.086	128	621883	44.347	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	195630	47.099	ug/L	100

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

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