

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU048994.D
 Acq On : 10 Jun 2022 13:31
 Operator : SY/MD
 Sample : VSTD05076
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050076

Quant Time: Jun 10 22:27:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:26:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	345196	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	327452	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	171085	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	105798	49.396	ug/L	0.00
7) Chloroethane-d5	1.900	69	75707	47.961	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	196222	42.357	ug/L	0.00
21) 2-Butanone-d5	4.623	46	233664	113.477	ug/L	0.00
24) Chloroform-d	5.063	84	229367	44.068	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	146997	40.694	ug/L	0.00
32) Benzene-d6	5.726	84	418677	46.737	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	142637	52.576	ug/L	0.00
41) Toluene-d8	7.896	98	364466	44.026	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	63585	39.062	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	145202	100.518	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	224727	50.351	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	148255	43.240	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	144912	41.026	ug/L	100
3) Chloromethane	1.520	50	143081	58.872	ug/L	100
5) Vinyl chloride	1.604	62	143594	56.815	ug/L	100
6) Bromomethane	1.842	94	74597	43.707	ug/L	100
8) Chloroethane	1.919	64	78611	53.821	ug/L	100
9) Trichlorofluoromethane	2.131	101	201685	43.974	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	113223	47.695	ug/L	100
12) 1,1-Dichloroethene	2.575	96	102560	46.628	ug/L	100
13) Acetone	2.629	43	167438	103.097	ug/L	100
14) Carbon disulfide	2.787	76	249702	39.991	ug/L	100
15) Methyl Acetate	2.948	43	174881	59.928	ug/L	100
16) Methylene chloride	3.041	84	128045	49.041	ug/L	100
17) trans-1,2-Dichloroethene	3.350	96	111155	46.663	ug/L	100
18) Methyl tert-butyl Ether	3.362	73	422325	50.529	ug/L	100
19) 1,1-Dichloroethane	3.867	63	240970	53.769	ug/L	100
20) cis-1,2-Dichloroethene	4.668	96	135124	49.802	ug/L	100
22) 2-Butanone	4.703	43	274914	125.897	ug/L	100
23) Bromochloromethane	4.973	128	71387	47.806	ug/L	100
25) Chloroform	5.089	83	254209	49.515	ug/L	100
27) 1,2-Dichloroethane	5.793	62	199179	46.089	ug/L	100
29) Cyclohexane	5.388	56	180026	53.530	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	221240	46.070	ug/L	100
31) Carbon tetrachloride	5.523	117	191953	44.335	ug/L	100
33) Benzene	5.774	78	519337	53.940	ug/L	100
34) Trichloroethene	6.542	95	128613	48.439	ug/L	100
35) Methylcyclohexane	6.761	83	185798	48.938	ug/L	100
37) 1,2-Dichloropropane	6.790	63	144497	58.609	ug/L	100
38) Bromodichloromethane	7.105	83	191945	50.326	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	212118	52.252	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	492712	128.028	ug/L	100
42) Toluene	7.970	91	530275	51.452	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	208413	49.563	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	138272	53.770	ug/L	100
46) Tetrachloroethene	8.552	164	95962	45.358	ug/L	100
48) 2-Hexanone	8.684	43	389032	120.342	ug/L	100
49) Dibromochloromethane	8.809	129	154066	48.006	ug/L	100
50) 1,2-Dibromoethane	8.922	107	143929	49.347	ug/L	100
51) Chlorobenzene	9.446	112	356038	49.515	ug/L	100
52) Ethylbenzene	9.568	91	586353	49.870	ug/L	100
53) m,p-Xylene	9.693	106	234733	49.807	ug/L	100
54) o-Xylene	10.102	106	233641	51.465	ug/L	100
55) Styrene	10.115	104	391628	49.913	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	250448	55.454	ug/L	100
59) Bromoform	10.291	173	120687	51.431	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	201902	57.845	ug/L	100
61) Isopropylbenzene	10.484	105	589070	55.458	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	504089	75.169	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	391811	44.315	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	263726	48.992	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	265928	47.643	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	283469	51.062	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	67296	51.252	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	190812	45.239	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	162842	43.208	ug/L	100
71) Naphthalene	14.086	128	561316	44.583	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	173255	45.282	ug/L	100

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

