

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010522\
 Data File : VU046660.D
 Acq On : 05 Jan 2022 12:40
 Operator : SY/MD
 Sample : VSTD05039
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050039

Quant Time: Jan 06 02:21:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 06 02:19:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	185642	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	176897	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93642	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	77749	50.616	ug/L	0.00
7) Chloroethane-d5	1.919	69	57453	48.967	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	133169	48.662	ug/L	0.00
21) 2-Butanone-d5	4.642	46	117607	97.003	ug/L	0.00
24) Chloroform-d	5.067	84	133540	51.833	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	85403	49.639	ug/L	0.00
32) Benzene-d6	5.732	84	271356	52.978	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	80569	50.993	ug/L	0.00
41) Toluene-d8	7.899	98	247619	53.182	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	40217	52.437	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	95711	122.063	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	124879	51.790	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	92664	50.804	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	84059	43.042	ug/L	100
3) Chloromethane	1.523	50	74587	42.573	ug/L	100
5) Vinyl chloride	1.610	62	78528	44.137	ug/L	100
6) Bromomethane	1.864	94	48932	47.770	ug/L	100
8) Chloroethane	1.941	64	46209	44.867	ug/L	100
9) Trichlorofluoromethane	2.144	101	111703	47.457	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	63016	47.234	ug/L	100
12) 1,1-Dichloroethene	2.588	96	59376	46.873	ug/L	100
13) Acetone	2.665	43	111231	76.887	ug/L	100
14) Carbon disulfide	2.800	76	177083	45.384	ug/L	100
15) Methyl Acetate	2.964	43	73850	42.748	ug/L	100
16) Methylene chloride	3.054	84	70287	46.341	ug/L	100
17) trans-1,2-Dichloroethene	3.359	96	62847	47.005	ug/L	100
18) Methyl tert-butyl Ether	3.366	73	193181	46.925	ug/L	100
19) 1,1-Dichloroethane	3.877	63	115325	47.278	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	69483	47.734	ug/L	100
22) 2-Butanone	4.723	43	130454	82.256	ug/L	100
23) Bromochloromethane	4.980	128	36705	49.351	ug/L	100
25) Chloroform	5.092	83	125841	46.444	ug/L	100
27) 1,2-Dichloroethane	5.796	62	98345	48.581	ug/L	100
29) Cyclohexane	5.395	56	100704	49.517	ug/L	100
30) 1,1,1-Trichloroethane	5.321	97	109415	50.247	ug/L	100
31) Carbon tetrachloride	5.530	117	93687	50.774	ug/L	100
33) Benzene	5.777	78	268695	50.211	ug/L	100
34) Trichloroethene	6.546	95	68339	48.767	ug/L	100
35) Methylcyclohexane	6.768	83	112419	51.761	ug/L	100
37) 1,2-Dichloropropane	6.793	63	68815	49.251	ug/L	100
38) Bromodichloromethane	7.108	83	93635	50.104	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	107718	50.526	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	193139	95.518	ug/L	100
42) Toluene	7.970	91	292194	50.895	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	102874	49.709	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	69040	49.013	ug/L	100
46) Tetrachloroethene	8.555	164	52190	50.324	ug/L	100
48) 2-Hexanone	8.687	43	168760	94.198	ug/L	100
49) Dibromochloromethane	8.812	129	75053	50.682	ug/L	100
50) 1,2-Dibromoethane	8.925	107	73583	48.599	ug/L	100
51) Chlorobenzene	9.449	112	182963	49.246	ug/L	100
52) Ethylbenzene	9.571	91	309023	50.368	ug/L	100
53) m,p-Xylene	9.693	106	121102	50.608	ug/L	100
54) o-xylene	10.102	106	116562	50.170	ug/L	100
55) Styrene	10.115	104	204226	51.474	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	120510	49.627	ug/L	100
59) Bromoform	10.291	173	56812	50.995	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	98151	47.665	ug/L	100
61) Isopropylbenzene	10.484	105	306981	50.614	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	262014	51.855	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	262145	51.884	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	144199	49.808	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	147079	49.138	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	144169	49.397	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	29550	52.676	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	107981	50.975	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	96144	51.082	ug/L	100
71) Naphthalene	14.086	128	340865	52.548	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	99856	52.135	ug/L	100

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

