

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U090122\
 Data File : VU050594.D
 Acq On : 01 Sep 2022 20:29
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050187

Quant Time: Sep 02 02:12:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 02 02:07:32 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	443135	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	448374	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	190675	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	198898	58.522	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 117.040%	
7) Chloroethane-d5	1.900	69	155637	58.736	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 117.480%	
11) 1,1-Dichloroethene-d2	2.565	63	311632	54.307	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 108.620%	
21) 2-Butanone-d5	4.626	46	361805	121.722	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 121.720%	
24) Chloroform-d	5.063	84	390223	59.008	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 118.020%	
26) 1,2-Dichloroethane-d4	5.700	65	251122	58.460	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 116.920%	
32) Benzene-d6	5.726	84	781900	56.264	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 112.520%	
36) 1,2-Dichloropropane-d6	6.690	67	265774	57.437	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 114.880%	
41) Toluene-d8	7.896	98	672922	55.660	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 111.320%	
43) trans-1,3-Dichloroprop...	8.179	79	105759	56.831	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 113.660%	
47) 2-Hexanone-d5	8.636	63	179819	107.330	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 107.330%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	403744	55.940	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 111.880%	
66) 1,2-Dichlorobenzene-d4	12.192	152	224828	54.460	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 108.920%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	119131	42.702	ug/L	99
3) Chloromethane	1.517	50	222463	48.132	ug/L	98
5) Vinyl chloride	1.601	62	194906	45.670	ug/L	99
6) Bromomethane	1.848	94	96104	49.166	ug/L	99
8) Chloroethane	1.922	64	123938	46.145	ug/L	98
9) Trichlorofluoromethane	2.131	101	199604	40.661	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	131692	45.065	ug/L	99
12) 1,1-Dichloroethene	2.575	96	148079	48.493	ug/L	92
13) Acetone	2.633	43	239240	103.609	ug/L	100
14) Carbon disulfide	2.787	76	339393	45.230	ug/L	100
15) Methyl Acetate	2.951	43	256008	54.023	ug/L	98
16) Methylene chloride	3.041	84	223602	45.042	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	165995	50.191	ug/L	100
18) Methyl tert-butyl Ether	3.362	73	590015	52.634	ug/L	99
19) 1,1-Dichloroethane	3.867	63	354165	52.567	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	206476	52.453	ug/L	98
22) 2-Butanone	4.707	43	379388	106.225	ug/L	100
23) Bromochloromethane	4.973	128	111467	52.904	ug/L	95
25) Chloroform	5.086	83	365791	52.590	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	292236	52.966	ug/L	98
29) Cyclohexane	5.388	56	215086	42.925	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	259620	47.791	ug/L	98
31) Carbon tetrachloride	5.523	117	193228	46.586	ug/L	98
33) Benzene	5.774	78	818490	50.250	ug/L	100
34) Trichloroethene	6.539	95	174438	46.670	ug/L	99
35) Methylcyclohexane	6.764	83	207734	41.336	ug/L	99
37) 1,2-Dichloropropane	6.790	63	230079	51.592	ug/L	100
38) Bromodichloromethane	7.105	83	253536	50.247	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	295028	50.210	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	677034	104.879	ug/L	99
42) Toluene	7.970	91	822693	50.909	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	274317	51.248	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	223711	51.681	ug/L	98
46) Tetrachloroethene	8.552	164	117817	45.061	ug/L	95
48) 2-Hexanone	8.687	43	560861	101.634	ug/L	98
49) Dibromochloromethane	8.809	129	192545	51.233	ug/L	100
50) 1,2-Dibromoethane	8.922	107	228876	51.222	ug/L	99
51) Chlorobenzene	9.446	112	491771	48.900	ug/L	99
52) Ethylbenzene	9.571	91	757227	48.411	ug/L	99
53) m,p-Xylene	9.693	106	293673	49.834	ug/L	100
54) o-Xylene	10.099	106	303039	50.550	ug/L	98
55) Styrene	10.115	104	521982	52.471	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	386305	50.018	ug/L	100
59) Bromoform	10.288	173	137604	53.899	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	300148	52.439	ug/L	99
61) Isopropylbenzene	10.484	105	681618	50.134	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	566014	50.642	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	544573	50.163	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	301200	46.429	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	305799	46.485	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	338080	48.071	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	71502	52.350	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	206410	46.496	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	165291	41.861	ug/L	98
71) Naphthalene	14.086	128	616755	38.069	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	195985	42.947	ug/L	99

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

