

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048138.D
 Acq On : 20 Apr 2022 12:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050090

Quant Time: Apr 21 02:35:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 20 02:08:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	355348	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	353077	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	216406	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	123363	47.873	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.740%
7) Chloroethane-d5	1.916	69	101371	49.891	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.780%
11) 1,1-Dichloroethene-d2	2.572	63	215547	45.719	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.440%
21) 2-Butanone-d5	4.620	46	198097	89.565	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.560%
24) Chloroform-d	5.067	84	233387	49.499	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.703	65	138831	48.009	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.020%
32) Benzene-d6	5.729	84	457212	51.462	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.920%
36) 1,2-Dichloropropane-d6	6.694	67	147361	54.008	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.020%
41) Toluene-d8	7.899	98	428953	49.555	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.120%
43) trans-1,3-Dichloroprop...	8.179	79	65804	47.605	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.200%
47) 2-Hexanone-d5	8.632	63	136005	85.149	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.150%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	234979	50.182	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.360%
66) 1,2-Dichlorobenzene-d4	12.195	152	181103	47.039	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	140204	42.558	ug/L	99
3) Chloromethane	1.523	50	139456	44.264	ug/L	99
5) Vinyl chloride	1.607	62	151650	47.196	ug/L	100
6) Bromomethane	1.858	94	72687	42.029	ug/L	98
8) Chloroethane	1.935	64	96597	47.888	ug/L	96
9) Trichlorofluoromethane	2.141	101	206545	45.584	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	134438	51.329	ug/L	99
12) 1,1-Dichloroethene	2.584	96	115053	47.201	ug/L	88
13) Acetone	2.623	43	167865	81.557	ug/L	98
14) Carbon disulfide	2.797	76	294188	38.182	ug/L	100
15) Methyl Acetate	2.948	43	161791	49.295	ug/L	100
16) Methylene chloride	3.051	84	147017	52.560	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	123610	47.016	ug/L	96
18) Methyl tert-butyl Ether	3.366	73	379358	51.145	ug/L	98
19) 1,1-Dichloroethane	3.874	63	242800	53.547	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	144302	50.064	ug/L	97
22) 2-Butanone	4.700	43	236705	89.276	ug/L	97
23) Bromochloromethane	4.977	128	82984	52.438	ug/L	97
25) Chloroform	5.092	83	259507	53.158	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	188923	50.091	ug/L	97
29) Cyclohexane	5.391	56	171541	47.880	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	211343	52.789	ug/L	99
31) Carbon tetrachloride	5.526	117	183574	50.779	ug/L	99
33) Benzene	5.777	78	553084	54.118	ug/L	100
34) Trichloroethene	6.546	95	139270	51.979	ug/L	98
35) Methylcyclohexane	6.764	83	193249	47.410	ug/L	96
37) 1,2-Dichloropropane	6.793	63	150088	57.769	ug/L	100
38) Bromodichloromethane	7.108	83	197524	55.364	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	215779	53.527	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	419511	102.165	ug/L	99
42) Toluene	7.970	91	606562	54.091	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	215472	53.534	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	151919	55.135	ug/L	99
46) Tetrachloroethene	8.555	164	121679	50.536	ug/L	99
48) 2-Hexanone	8.684	43	331917	93.972	ug/L	99
49) Dibromochloromethane	8.813	129	171353	53.692	ug/L	99
50) 1,2-Dibromoethane	8.925	107	152818	49.471	ug/L	99
51) Chlorobenzene	9.449	112	388287	50.997	ug/L	99
52) Ethylbenzene	9.571	91	608787	51.632	ug/L	100
53) m,p-Xylene	9.697	106	252424	54.561	ug/L	98
54) o-Xylene	10.102	106	242253	53.351	ug/L	99
55) Styrene	10.115	104	426747	55.047	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	281432	54.481	ug/L	100
59) Bromoform	10.292	173	143805	51.967	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	216497	53.068	ug/L	99
61) Isopropylbenzene	10.484	105	612368	52.359	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	310853	48.986	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	502080	52.088	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	338803	52.118	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	338294	50.241	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	337289	51.854	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	61274	46.889	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	253814	48.075	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	221676	47.937	ug/L	99
71) Naphthalene	14.089	128	626011	45.406	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	231518	49.941	ug/L	99

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

