

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048070.D
 Acq On : 14 Apr 2022 19:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050082

Quant Time: Apr 15 02:29:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 02:23:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	332485	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	348706	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	210222	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	101365	42.042	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.080%
7) Chloroethane-d5	1.912	69	94023	49.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.920%
11) 1,1-Dichloroethene-d2	2.572	63	190583	43.204	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.400%
21) 2-Butanone-d5	4.620	46	202175	97.694	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.690%
24) Chloroform-d	5.067	84	222589	50.455	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.920%
26) 1,2-Dichloroethane-d4	5.703	65	136826	50.569	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.140%
32) Benzene-d6	5.729	84	429297	48.926	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.860%
36) 1,2-Dichloropropane-d6	6.690	67	139292	51.691	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.380%
41) Toluene-d8	7.899	98	404686	47.338	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.680%
43) trans-1,3-Dichloroprop...	8.179	79	60988	44.674	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.340%
47) 2-Hexanone-d5	8.632	63	152084	96.409	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.410%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	234712	50.753	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.500%
66) 1,2-Dichlorobenzene-d4	12.195	152	177485	47.455	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	141797	46.001	ug/L	100
3) Chloromethane	1.527	50	148788	50.473	ug/L	100
5) Vinyl chloride	1.604	62	156052	51.905	ug/L	99
6) Bromomethane	1.858	94	74650	46.132	ug/L	99
8) Chloroethane	1.935	64	95971	50.850	ug/L	98
9) Trichlorofluoromethane	2.141	101	192008	45.290	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	119052	48.580	ug/L	98
12) 1,1-Dichloroethene	2.581	96	111809	49.024	ug/L	89
13) Acetone	2.623	43	139580	72.478	ug/L	97
14) Carbon disulfide	2.797	76	309660	42.954	ug/L	99
15) Methyl Acetate	2.948	43	152529	49.669	ug/L	98
16) Methylene chloride	3.047	84	142051	54.277	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	121844	49.531	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	367375	52.935	ug/L	99
19) 1,1-Dichloroethane	3.874	63	232155	54.720	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	140434	52.073	ug/L	98
22) 2-Butanone	4.700	43	216987	87.466	ug/L	96
23) Bromochloromethane	4.977	128	78707	53.155	ug/L	96
25) Chloroform	5.089	83	245596	53.768	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	186467	52.839	ug/L	98
29) Cyclohexane	5.391	56	172222	48.672	ug/L	96
30) 1,1,1-Trichloroethane	5.317	97	201715	51.016	ug/L	99
31) Carbon tetrachloride	5.526	117	171756	48.105	ug/L	100
33) Benzene	5.777	78	535967	53.101	ug/L	100
34) Trichloroethene	6.543	95	134178	50.706	ug/L	98
35) Methylcyclohexane	6.764	83	184264	45.772	ug/L	98
37) 1,2-Dichloropropane	6.793	63	142419	55.505	ug/L	100
38) Bromodichloromethane	7.105	83	185060	52.521	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	196065	49.246	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	408576	100.749	ug/L	98
42) Toluene	7.970	91	578880	52.270	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	193927	48.785	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	146499	53.834	ug/L	98
46) Tetrachloroethene	8.555	164	113979	47.931	ug/L	99
48) 2-Hexanone	8.684	43	334134	95.785	ug/L	99
49) Dibromochloromethane	8.809	129	157689	50.030	ug/L	98
50) 1,2-Dibromoethane	8.925	107	155814	51.073	ug/L	99
51) Chlorobenzene	9.446	112	382838	50.911	ug/L	98
52) Ethylbenzene	9.571	91	587362	50.440	ug/L	98
53) m,p-Xylene	9.694	106	231317	50.625	ug/L	96
54) o-Xylene	10.102	106	230930	51.495	ug/L	98
55) Styrene	10.115	104	399726	52.207	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	261570	51.271	ug/L	98
59) Bromoform	10.292	173	130547	48.564	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	199913	50.444	ug/L	99
61) Isopropylbenzene	10.484	105	579357	50.993	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	293506	47.613	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	418489	44.693	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	287039	45.454	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	308512	47.166	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	312147	49.401	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	58509	46.090	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	231051	45.051	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	201760	44.913	ug/L	99
71) Naphthalene	14.089	128	607085	45.328	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	216623	48.103	ug/L	99

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

