

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047919.D
 Acq On : 11 Apr 2022 20:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050192

Quant Time: Apr 12 02:05:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 01:57:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	329483	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	338742	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	206723	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	131433	55.009	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 110.020%	
7) Chloroethane-d5	1.916	69	112208	59.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 119.120%	
11) 1,1-Dichloroethene-d2	2.571	63	224663	51.394	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 102.780%	
21) 2-Butanone-d5	4.620	46	212486	103.612	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 103.610%	
24) Chloroform-d	5.067	84	250378	57.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 114.540%	
26) 1,2-Dichloroethane-d4	5.703	65	155386	57.952	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 115.900%	
32) Benzene-d6	5.729	84	492927	57.830	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 115.660%	
36) 1,2-Dichloropropane-d6	6.690	67	154707	59.100	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 118.200%	
41) Toluene-d8	7.899	98	466524	56.177	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 112.360%	
43) trans-1,3-Dichloroprop...	8.179	79	69003	52.031	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 104.060%	
47) 2-Hexanone-d5	8.632	63	160060	104.450	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 104.450%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	247312	55.051	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 110.100%	
66) 1,2-Dichlorobenzene-d4	12.195	152	197330	53.654	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.300%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	150240	49.184	ug/L	100
3) Chloromethane	1.523	50	154070	52.741	ug/L	98
5) Vinyl chloride	1.607	62	158451	53.183	ug/L	99
6) Bromomethane	1.858	94	87556	54.600	ug/L	100
8) Chloroethane	1.935	64	97467	52.113	ug/L	98
9) Trichlorofluoromethane	2.141	101	210295	50.055	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	124744	51.367	ug/L	99
12) 1,1-Dichloroethene	2.581	96	114037	50.456	ug/L	97
13) Acetone	2.626	43	133911	70.168	ug/L	97
14) Carbon disulfide	2.797	76	316714	44.332	ug/L	100
15) Methyl Acetate	2.948	43	152025	49.956	ug/L	97
16) Methylene chloride	3.051	84	139390	53.746	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	122166	50.114	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	366974	53.359	ug/L	99
19) 1,1-Dichloroethane	3.874	63	228401	54.326	ug/L	100
20) cis-1,2-Dichloroethene	4.668	96	141427	52.919	ug/L	95
22) 2-Butanone	4.700	43	215587	87.694	ug/L	97
23) Bromochloromethane	4.977	128	79550	54.214	ug/L	99
25) Chloroform	5.089	83	247343	54.644	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	186422	53.308	ug/L	99
29) Cyclohexane	5.391	56	177824	51.734	ug/L	97
30) 1,1,1-Trichloroethane	5.317	97	203642	53.018	ug/L	99
31) Carbon tetrachloride	5.526	117	172270	49.668	ug/L	100
33) Benzene	5.777	78	540827	55.158	ug/L	100
34) Trichloroethene	6.542	95	132507	51.548	ug/L	99
35) Methylcyclohexane	6.764	83	191110	48.869	ug/L	98
37) 1,2-Dichloropropane	6.793	63	141415	56.735	ug/L	99
38) Bromodichloromethane	7.105	83	182223	53.237	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	197776	51.137	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	397720	100.957	ug/L	99
42) Toluene	7.970	91	584277	54.309	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	192091	49.744	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	144794	54.773	ug/L	99
46) Tetrachloroethene	8.555	164	118508	51.302	ug/L	100
48) 2-Hexanone	8.684	43	325886	96.169	ug/L	98
49) Dibromochloromethane	8.809	129	154011	50.300	ug/L	100
50) 1,2-Dibromoethane	8.925	107	155729	52.547	ug/L	99
51) Chlorobenzene	9.446	112	378494	51.814	ug/L	99
52) Ethylbenzene	9.571	91	593356	52.453	ug/L	99
53) m,p-Xylene	9.693	106	233716	52.655	ug/L	100
54) o-Xylene	10.102	106	229254	52.625	ug/L	99
55) Styrene	10.115	104	395749	53.208	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	254503	51.353	ug/L	99
59) Bromoform	10.291	173	125927	47.638	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	197004	50.552	ug/L	99
61) Isopropylbenzene	10.484	105	586869	52.529	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	300163	49.517	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	473355	51.408	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	310943	50.073	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	309185	48.069	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	316239	50.895	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	56506	45.266	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	240796	47.746	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	209971	47.532	ug/L	99
71) Naphthalene	14.086	128	644996	48.974	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	227162	51.297	ug/L	99

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

