

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082922\
 Data File : VU050499.D
 Acq On : 29 Aug 2022 21:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050179

Quant Time: Aug 30 02:19:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 30 02:11:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	359734	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	351372	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	161332	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	149411	35.126	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.260%
7) Chloroethane-d5	1.899	69	132168	41.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.980%
11) 1,1-Dichloroethene-d2	2.562	63	230368	38.323	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.640%
21) 2-Butanone-d5	4.626	46	300965	108.099	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.100%
24) Chloroform-d	5.063	84	307119	44.978	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.960%
26) 1,2-Dichloroethane-d4	5.700	65	194427	45.815	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.640%
32) Benzene-d6	5.726	84	599324	46.162	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.320%
36) 1,2-Dichloropropane-d6	6.690	67	205402	47.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.520%
41) Toluene-d8	7.899	98	528101	46.486	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.980%
43) trans-1,3-Dichloroprop...	8.179	79	73838	41.156	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.320%
47) 2-Hexanone-d5	8.636	63	185067	115.947	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.950%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	313861	47.312	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.620%
66) 1,2-Dichlorobenzene-d4	12.195	152	180916	46.944	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	110076	39.146	ug/L	97
3) Chloromethane	1.517	50	146733	44.837	ug/L	100
5) Vinyl chloride	1.600	62	132219	41.317	ug/L	98
6) Bromomethane	1.842	94	54248	45.845	ug/L	92
8) Chloroethane	1.922	64	90868	46.740	ug/L	98
9) Trichlorofluoromethane	2.131	101	163448	40.145	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	103014	41.269	ug/L	99
12) 1,1-Dichloroethene	2.575	96	96066	43.533	ug/L	98
13) Acetone	2.629	43	169073	92.360	ug/L	99
14) Carbon disulfide	2.787	76	170357	30.252	ug/L	100
15) Methyl Acetate	2.951	43	181458	55.096	ug/L	97
16) Methylene chloride	3.041	84	151948	49.407	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	104897	45.219	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	430136	58.584	ug/L	99
19) 1,1-Dichloroethane	3.867	63	249522	49.649	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	144634	52.065	ug/L	99
22) 2-Butanone	4.706	43	275275	110.956	ug/L	100
23) Bromochloromethane	4.973	128	75150	49.531	ug/L	97
25) Chloroform	5.086	83	264640	49.427	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	204776	51.272	ug/L	98
29) Cyclohexane	5.388	56	142626	44.126	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	182933	45.506	ug/L	99
31) Carbon tetrachloride	5.523	117	134035	40.629	ug/L	99
33) Benzene	5.774	78	564646	53.076	ug/L	100
34) Trichloroethene	6.542	95	122397	48.605	ug/L	99
35) Methylcyclohexane	6.761	83	144140	40.935	ug/L	99
37) 1,2-Dichloropropane	6.790	63	163231	52.823	ug/L	100
38) Bromodichloromethane	7.105	83	182824	46.373	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	200237	49.344	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	497051	121.041	ug/L	99
42) Toluene	7.970	91	569464	53.130	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	185771	49.113	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	162112	53.314	ug/L	96
46) Tetrachloroethene	8.552	164	82837	44.789	ug/L	99
48) 2-Hexanone	8.687	43	398218	116.119	ug/L	98
49) Dibromochloromethane	8.809	129	137445	43.637	ug/L	99
50) 1,2-Dibromoethane	8.925	107	158587	52.188	ug/L	99
51) Chlorobenzene	9.446	112	357116	50.771	ug/L	99
52) Ethylbenzene	9.571	91	557908	51.645	ug/L	99
53) m,p-Xylene	9.693	106	214240	53.106	ug/L	97
54) o-Xylene	10.102	106	221153	55.178	ug/L	96
55) Styrene	10.115	104	382440	56.077	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	293514	52.827	ug/L	99
59) Bromoform	10.291	173	97194	42.070	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	226298	54.432	ug/L	100
61) Isopropylbenzene	10.484	105	527867	52.898	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	436483	54.172	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	439260	55.895	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	250365	51.313	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	247985	50.468	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	270954	52.808	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	51636	46.733	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	167804	49.892	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	148988	55.313	ug/L	99
71) Naphthalene	14.089	128	596137	67.469	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	174055	59.125	ug/L	99

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

