

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
 Data File : VU047719.D
 Acq On : 26 Mar 2022 19:07
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050180

Quant Time: Mar 28 05:11:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 28 05:05:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	328928	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	337287	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	203125	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	112968	47.361	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.720%
7) Chloroethane-d5	1.916	69	103843	55.213	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.420%
11) 1,1-Dichloroethene-d2	2.575	63	215987	49.492	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.980%
21) 2-Butanone-d5	4.633	46	255439	124.767	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.770%
24) Chloroform-d	5.067	84	240787	55.171	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.340%
26) 1,2-Dichloroethane-d4	5.703	65	149105	55.703	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.400%
32) Benzene-d6	5.729	84	468047	55.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.300%
36) 1,2-Dichloropropane-d6	6.694	67	149789	57.468	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.940%
41) Toluene-d8	7.899	98	448026	54.182	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.360%
43) trans-1,3-Dichloroprop...	8.179	79	72039	54.555	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.100%
47) 2-Hexanone-d5	8.632	63	195930	128.409	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.410%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	256345	57.308	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.620%
66) 1,2-Dichlorobenzene-d4	12.192	152	198696	54.983	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	156063	51.177	ug/L	100
3) Chloromethane	1.523	50	150127	51.478	ug/L	100
5) Vinyl chloride	1.607	62	152177	51.164	ug/L	99
6) Bromomethane	1.861	94	92960	58.068	ug/L	100
8) Chloroethane	1.938	64	101826	54.535	ug/L	97
9) Trichlorofluoromethane	2.141	101	204188	48.683	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	125676	51.838	ug/L	100
12) 1,1-Dichloroethene	2.584	96	116291	51.541	ug/L	91
13) Acetone	2.645	43	157698	82.771	ug/L	98
14) Carbon disulfide	2.800	76	348360	48.844	ug/L	100
15) Methyl Acetate	2.954	43	161446	53.141	ug/L	99
16) Methylene chloride	3.051	84	137090	52.948	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	125386	51.522	ug/L	96
18) Methyl tert-butyl Ether	3.366	73	380282	55.387	ug/L	99
19) 1,1-Dichloroethane	3.874	63	229832	54.758	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	143971	53.961	ug/L	97
22) 2-Butanone	4.713	43	244746	99.723	ug/L	99
23) Bromochloromethane	4.980	128	78270	53.431	ug/L	98
25) Chloroform	5.089	83	244779	54.169	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	191633	54.891	ug/L	100
29) Cyclohexane	5.391	56	191075	55.829	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	210069	54.927	ug/L	99
31) Carbon tetrachloride	5.526	117	189378	54.836	ug/L	99
33) Benzene	5.777	78	543465	55.667	ug/L	100
34) Trichloroethene	6.542	95	139150	54.365	ug/L	99
35) Methylcyclohexane	6.764	83	211008	54.190	ug/L	99
37) 1,2-Dichloropropane	6.793	63	138134	55.657	ug/L	100
38) Bromodichloromethane	7.108	83	189119	55.490	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	212534	55.190	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	441550	112.567	ug/L	99
42) Toluene	7.970	91	602564	56.250	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	211600	55.033	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	145329	55.212	ug/L	99
46) Tetrachloroethene	8.555	164	120902	52.564	ug/L	100
48) 2-Hexanone	8.687	43	376247	111.509	ug/L	99
49) Dibromochloromethane	8.809	129	164890	54.086	ug/L	99
50) 1,2-Dibromoethane	8.925	107	161833	54.842	ug/L	100
51) Chlorobenzene	9.446	112	395950	54.438	ug/L	100
52) Ethylbenzene	9.571	91	627889	55.745	ug/L	99
53) m,p-Xylene	9.693	106	251331	56.868	ug/L	99
54) o-Xylene	10.102	106	243169	56.060	ug/L	99
55) Styrene	10.115	104	418734	56.542	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	269100	54.533	ug/L	99
59) Bromoform	10.291	173	141008	54.288	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	209521	54.716	ug/L	99
61) Isopropylbenzene	10.484	105	623817	56.825	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	338868	56.892	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	520628	57.544	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	326696	53.541	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	329009	52.057	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	328398	53.788	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	66928	54.564	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	254986	51.455	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	230661	53.141	ug/L	100
71) Naphthalene	14.086	128	743024	57.417	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	237772	54.644	ug/L	99

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

