

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011122\
 Data File : VU046732.D
 Acq On : 11 Jan 2022 17:42
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050161

Quant Time: Jan 12 04:52:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 12 04:49:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	173553	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	165587	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93212	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	61461	40.583	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.160%
7) Chloroethane-d5	1.919	69	48049	42.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.420%
11) 1,1-Dichloroethene-d2	2.575	63	106520	41.354	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.700%
21) 2-Butanone-d5	4.639	46	94956	85.668	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.670%
24) Chloroform-d	5.067	84	113239	42.415	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.820%
26) 1,2-Dichloroethane-d4	5.703	65	72563	42.855	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.720%
32) Benzene-d6	5.729	84	226786	43.886	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.780%
36) 1,2-Dichloropropane-d6	6.690	67	66689	42.296	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.600%
41) Toluene-d8	7.899	98	211868	45.862	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.720%
43) trans-1,3-Dichloroprop...	8.179	79	33485	44.081	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.160%
47) 2-Hexanone-d5	8.636	63	78702	93.957	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.960%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	106683	43.687	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.380%
66) 1,2-Dichlorobenzene-d4	12.192	152	84503	43.812	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	70023	43.797	ug/L	99
3) Chloromethane	1.523	50	63253	44.456	ug/L	99
5) Vinyl chloride	1.607	62	66752	45.264	ug/L	99
6) Bromomethane	1.864	94	42822	45.837	ug/L	96
8) Chloroethane	1.941	64	41928	46.973	ug/L	97
9) Trichlorofluoromethane	2.144	101	102165	47.067	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	58091	47.585	ug/L	98
12) 1,1-Dichloroethene	2.588	96	52229	45.436	ug/L	92
13) Acetone	2.658	43	97754	92.669	ug/L	99
14) Carbon disulfide	2.800	76	135511	39.658	ug/L	100
15) Methyl Acetate	2.961	43	67411	50.033	ug/L	100
16) Methylene chloride	3.051	84	62248	43.961	ug/L	97
17) trans-1,2-Dichloroethene	3.359	96	55923	46.533	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	183255	51.323	ug/L	99
19) 1,1-Dichloroethane	3.874	63	104240	47.558	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	62353	48.410	ug/L	98
22) 2-Butanone	4.719	43	116012	96.469	ug/L	97
23) Bromochloromethane	4.980	128	33215	48.243	ug/L	93
25) Chloroform	5.092	83	114911	47.998	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	89323	48.562	ug/L	100
29) Cyclohexane	5.391	56	81887	46.521	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	100076	49.406	ug/L	99
31) Carbon tetrachloride	5.530	117	84901	48.387	ug/L	99
33) Benzene	5.777	78	240359	48.800	ug/L	100
34) Trichloroethene	6.546	95	61607	47.688	ug/L	96
35) Methylcyclohexane	6.764	83	96051	47.878	ug/L	99
37) 1,2-Dichloropropane	6.793	63	61876	49.096	ug/L	100
38) Bromodichloromethane	7.108	83	84649	48.839	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	96808	49.918	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	176556	102.473	ug/L	98
42) Toluene	7.970	91	261996	50.437	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	96785	51.441	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	65490	50.857	ug/L	97
46) Tetrachloroethene	8.555	164	48720	49.706	ug/L	97
48) 2-Hexanone	8.687	43	153789	105.309	ug/L	99
49) Dibromochloromethane	8.809	129	70779	50.046	ug/L	99
50) 1,2-Dibromoethane	8.925	107	69701	51.927	ug/L	99
51) Chlorobenzene	9.446	112	169067	50.074	ug/L	98
52) Ethylbenzene	9.571	91	283657	51.473	ug/L	99
53) m,p-Xylene	9.693	106	112689	52.947	ug/L	98
54) o-xylene	10.102	106	109036	53.575	ug/L	100
55) Styrene	10.115	104	192269	53.985	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	113152	50.241	ug/L	99
59) Bromoform	10.291	173	53033	46.820	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	94023	47.935	ug/L	99
61) Isopropylbenzene	10.484	105	290845	51.081	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	248234	51.863	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	250680	52.564	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	140935	49.383	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	144045	48.440	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	142169	49.564	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	28311	48.216	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	110171	50.402	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	95602	51.165	ug/L	99
71) Naphthalene	14.085	128	332039	54.638	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	99900	52.911	ug/L	99

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

