

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044797.D
 Acq On : 23 Sep 2021 20:07
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050081

Quant Time: Sep 24 05:40:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:26:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	273669	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	268393	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	134616	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	131668	43.950	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.900%
7) Chloroethane-d5	1.909	69	106454	44.841	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.680%
11) 1,1-Dichloroethene-d2	2.571	63	230320	45.779	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.560%
21) 2-Butanone-d5	4.629	46	244498	103.231	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.230%
24) Chloroform-d	5.070	84	219703	46.432	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.860%
26) 1,2-Dichloroethane-d4	5.706	65	146188	45.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.220%
32) Benzene-d6	5.732	84	435017	46.710	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.420%
36) 1,2-Dichloropropane-d6	6.697	67	140986	46.427	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.860%
41) Toluene-d8	7.902	98	374804	46.634	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.260%
43) trans-1,3-Dichloroprop...	8.182	79	61939	45.853	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.700%
47) 2-Hexanone-d5	8.639	63	171749	102.058	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.060%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	213419	45.133	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.260%
66) 1,2-Dichlorobenzene-d4	12.198	152	138333	47.219	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	125085	47.735	ug/L	99
3) Chloromethane	1.520	50	151392	46.351	ug/L	99
5) Vinyl chloride	1.607	62	150691	47.091	ug/L	99
6) Bromomethane	1.851	94	81341	52.997	ug/L	99
8) Chloroethane	1.932	64	94407	47.007	ug/L	100
9) Trichlorofluoromethane	2.141	101	173901	47.480	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	104903	45.379	ug/L	99
12) 1,1-Dichloroethene	2.584	96	101846	48.057	ug/L	92
13) Acetone	2.632	43	157887	57.669	ug/L	99
14) Carbon disulfide	2.796	76	324041	47.727	ug/L	100
15) Methyl Acetate	2.954	43	168002	49.755	ug/L	99
16) Methylene chloride	3.050	84	124157	46.243	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	108904	48.782	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	367429	49.914	ug/L	99
19) 1,1-Dichloroethane	3.877	63	221902	47.778	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	124581	50.642	ug/L	98
22) 2-Butanone	4.710	43	253975	82.884	ug/L	100
23) Bromochloromethane	4.983	128	59860	48.000	ug/L	97
25) Chloroform	5.092	83	218600	47.345	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	183474	47.510	ug/L	99
29) Cyclohexane	5.394	56	201117	49.852	ug/L	100
30) 1,1,1-Trichloroethane	5.320	97	180071	48.467	ug/L	99
31) Carbon tetrachloride	5.529	117	143281	48.828	ug/L	100
33) Benzene	5.780	78	485147	48.736	ug/L	100
34) Trichloroethene	6.545	95	115063	48.124	ug/L	97
35) Methylcyclohexane	6.767	83	191851	47.927	ug/L	99
37) 1,2-Dichloropropane	6.796	63	130321	48.083	ug/L	99
38) Bromodichloromethane	7.111	83	160679	48.364	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	187518	48.353	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	466362	103.005	ug/L	99
42) Toluene	7.973	91	500082	49.443	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	177660	48.179	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	117761	47.944	ug/L	99
46) Tetrachloroethene	8.558	164	80796	47.277	ug/L	99
48) 2-Hexanone	8.690	43	384405	95.744	ug/L	99
49) Dibromochloromethane	8.816	129	117559	48.394	ug/L	99
50) 1,2-Dibromoethane	8.928	107	125536	48.815	ug/L	99
51) Chlorobenzene	9.449	112	298027	47.729	ug/L	100
52) Ethylbenzene	9.574	91	527368	49.357	ug/L	99
53) m,p-Xylene	9.697	106	205180	50.691	ug/L	97
54) o-xylene	10.105	106	201864	50.752	ug/L	98
55) Styrene	10.118	104	347418	50.791	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	218789	46.521	ug/L	100
59) Bromoform	10.295	173	83692	50.129	ug/L	99
60) 1,2,3-Trichloropropane	10.828	75	181226	48.674	ug/L	100
61) Isopropylbenzene	10.487	105	518507	52.631	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	434125	52.765	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	446815	53.033	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	225306	49.487	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	226278	48.441	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	233730	50.008	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	55605	51.968	ug/L	98
69) 1,3,5-Trichlorobenzene	13.224	180	159400	50.449	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	137327	52.303	ug/L	100
71) Naphthalene	14.089	128	551735	60.640	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	148431	55.253	ug/L	98

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

