

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
 Data File : VU046064.D
 Acq On : 02 Dec 2021 20:04
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050118

Quant Time: Dec 03 05:14:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	276372	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	269010	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	142959	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	75214	33.038	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.080%
7) Chloroethane-d5	1.916	69	60592	34.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.320%#
11) 1,1-Dichloroethene-d2	2.571	63	160214	39.202	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.400%
21) 2-Butanone-d5	4.632	46	157210	86.866	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.870%
24) Chloroform-d	5.066	84	165549	43.545	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.080%
26) 1,2-Dichloroethane-d4	5.703	65	106112	41.589	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.180%
32) Benzene-d6	5.729	84	335935	43.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.140%
36) 1,2-Dichloropropane-d6	6.693	67	106701	44.653	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.300%
41) Toluene-d8	7.899	98	309847	44.137	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.280%
43) trans-1,3-Dichloroprop...	8.182	79	52957	45.909	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.820%
47) 2-Hexanone-d5	8.632	63	114037	100.653	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.650%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	157348	43.420	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.840%
66) 1,2-Dichlorobenzene-d4	12.195	152	125623	45.629	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	127416	42.375	ug/L	99
3) Chloromethane	1.520	50	108724	40.426	ug/L	100
5) Vinyl chloride	1.604	62	115499	42.592	ug/L	99
6) Bromomethane	1.861	94	67701	44.047	ug/L	96
8) Chloroethane	1.938	64	63669	40.550	ug/L	99
9) Trichlorofluoromethane	2.141	101	154103	43.527	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	94305	46.895	ug/L	96
12) 1,1-Dichloroethene	2.584	96	90368	47.289	ug/L	85
13) Acetone	2.649	43	114509	50.626	ug/L	97
14) Carbon disulfide	2.796	76	261966	44.185	ug/L	99
15) Methyl Acetate	2.954	43	112020	42.484	ug/L	97
16) Methylene chloride	3.051	84	102722	45.181	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	98739	48.825	ug/L	100
18) Methyl tert-butyl Ether	3.366	73	320948	51.497	ug/L	99
19) 1,1-Dichloroethane	3.874	63	176101	47.893	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	109748	50.015	ug/L	99
22) 2-Butanone	4.713	43	171391	69.608	ug/L	96
23) Bromochloromethane	4.976	128	56092	50.613	ug/L	89
25) Chloroform	5.092	83	187080	45.793	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	141170	46.566	ug/L	99
29) Cyclohexane	5.391	56	159276	50.847	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	163281	49.447	ug/L	99
31) Carbon tetrachloride	5.529	117	140308	50.050	ug/L	99
33) Benzene	5.777	78	403985	49.618	ug/L	100
34) Trichloroethene	6.542	95	107608	50.169	ug/L	97
35) Methylcyclohexane	6.764	83	168576	50.687	ug/L	99
37) 1,2-Dichloropropane	6.793	63	104702	49.091	ug/L	100
38) Bromodichloromethane	7.108	83	137879	48.637	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	169592	52.268	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	302226	96.446	ug/L	98
42) Toluene	7.970	91	442195	50.615	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	161370	50.637	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	104069	48.635	ug/L	98
46) Tetrachloroethene	8.555	164	82819	52.542	ug/L	96
48) 2-Hexanone	8.684	43	242665	86.589	ug/L	98
49) Dibromochloromethane	8.812	129	113540	50.529	ug/L	96
50) 1,2-Dibromoethane	8.925	107	115936	49.975	ug/L	98
51) Chlorobenzene	9.449	112	284540	50.342	ug/L	98
52) Ethylbenzene	9.571	91	484621	51.543	ug/L	98
53) m,p-Xylene	9.697	106	191072	52.109	ug/L	97
54) o-xylene	10.102	106	186093	52.303	ug/L	96
55) Styrene	10.115	104	320040	52.686	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	166408	45.361	ug/L	99
59) Bromoform	10.291	173	83471	49.772	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	143950	45.935	ug/L	99
61) Isopropylbenzene	10.488	105	487313	52.391	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	422788	54.533	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	426263	54.954	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	225714	51.086	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	226614	49.627	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	222481	50.003	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	40824	48.900	ug/L	89
69) 1,3,5-Trichlorobenzene	13.220	180	170786	53.050	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	160105	56.043	ug/L	99
71) Naphthalene	14.085	128	601951	60.551	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	160228	55.000	ug/L	100

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

