

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046460.D
 Acq On : 17 Dec 2021 06:49
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050148

Quant Time: Dec 17 07:04:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 03:50:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	153513	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	155053	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	87421	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	57722	45.646	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.300%
7) Chloroethane-d5	1.919	69	42341	43.609	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.220%
11) 1,1-Dichloroethene-d2	2.575	63	99713	43.924	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.840%
21) 2-Butanone-d5	4.636	46	81987	81.558	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.560%
24) Chloroform-d	5.070	84	106875	50.610	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.220%
26) 1,2-Dichloroethane-d4	5.706	65	68908	48.622	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.240%
32) Benzene-d6	5.732	84	206397	46.443	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.880%
36) 1,2-Dichloropropane-d6	6.694	67	63072	45.794	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.580%
41) Toluene-d8	7.899	98	187000	46.215	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.420%
43) trans-1,3-Dichloroprop...	8.182	79	29699	44.669	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.340%
47) 2-Hexanone-d5	8.632	63	64489	98.754	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.750%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	93093	44.569	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.140%
66) 1,2-Dichlorobenzene-d4	12.195	152	70979	42.160	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	63413	37.968	ug/L	100
3) Chloromethane	1.523	50	53530	35.833	ug/L	99
5) Vinyl chloride	1.607	62	59330	39.388	ug/L	100
6) Bromomethane	1.864	94	32549	38.125	ug/L	97
8) Chloroethane	1.938	64	35677	40.908	ug/L	99
9) Trichlorofluoromethane	2.144	101	95026	48.322	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	53926	48.277	ug/L	98
12) 1,1-Dichloroethene	2.584	96	46942	44.224	ug/L	96
13) Acetone	2.649	43	64244	51.135	ug/L	98
14) Carbon disulfide	2.800	76	97126	29.493	ug/L	98
15) Methyl Acetate	2.957	43	65442	44.683	ug/L	97
16) Methylene chloride	3.054	84	59453	47.077	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	50277	44.758	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	191305	55.261	ug/L	99
19) 1,1-Dichloroethane	3.877	63	105094	51.456	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	62498	51.276	ug/L	98
22) 2-Butanone	4.713	43	102270	74.777	ug/L	98
23) Bromochloromethane	4.980	128	31487	51.149	ug/L	95
25) Chloroform	5.092	83	115951	51.096	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	91080	54.088	ug/L	99
29) Cyclohexane	5.395	56	72725	40.280	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	102485	53.846	ug/L	98
31) Carbon tetrachloride	5.530	117	83527	51.694	ug/L	99
33) Benzene	5.777	78	231727	49.379	ug/L	100
34) Trichloroethene	6.546	95	59217	47.899	ug/L	97
35) Methylcyclohexane	6.767	83	82062	42.809	ug/L	98
37) 1,2-Dichloropropane	6.793	63	63661	51.785	ug/L	100
38) Bromodichloromethane	7.108	83	88464	54.140	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	95062	50.831	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	187008	103.538	ug/L	98
42) Toluene	7.970	91	253129	50.268	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	92814	50.530	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	66373	53.816	ug/L	98
46) Tetrachloroethene	8.555	164	43542	47.926	ug/L	98
48) 2-Hexanone	8.684	43	146821	90.893	ug/L	98
49) Dibromochloromethane	8.812	129	70023	54.066	ug/L	99
50) 1,2-Dibromoethane	8.925	107	67446	50.440	ug/L	99
51) Chlorobenzene	9.449	112	164822	50.593	ug/L	99
52) Ethylbenzene	9.571	91	277167	51.144	ug/L	99
53) m,p-Xylene	9.697	106	107840	51.025	ug/L	99
54) o-xylene	10.102	106	107014	52.183	ug/L	98
55) Styrene	10.115	104	190112	54.298	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	113971	53.900	ug/L	99
59) Bromoform	10.291	173	52301	50.998	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	93990	49.046	ug/L	98
61) Isopropylbenzene	10.484	105	288059	50.644	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	249857	52.701	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	251619	53.047	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	133667	49.472	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	138860	49.729	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	136544	50.184	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	28392	55.614	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	102079	51.852	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	96425	55.195	ug/L	99
71) Naphthalene	14.086	128	352928	58.055	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	101807	57.148	ug/L	99

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

