

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101921\
 Data File : VU045325.D
 Acq On : 19 Oct 2021 12:23
 Operator : SY/MD
 Sample : VSTD00519
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005019

Quant Time: Oct 20 02:46:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 20 02:46:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	297412	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	292603	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	141050	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	6698	2.324	ug/L	0.00
7) Chloroethane-d5	1.916	69	6589	2.847	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	13467	2.752	ug/L	0.00
21) 2-Butanone-d5	4.633	46	18743	7.618	ug/L	0.00
24) Chloroform-d	5.070	84	17237	3.578	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	12613	3.859	ug/L	0.00
32) Benzene-d6	5.735	84	27701	3.010	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	10693	3.478	ug/L	0.00
41) Toluene-d8	7.903	98	23131	2.926	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.186	79	5006	3.594	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	10686	6.124	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	20378	4.108	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	12440	4.224	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	11783	4.342	ug/L	94
3) Chloromethane	1.523	50	14080	4.215	ug/L	98
5) Vinyl chloride	1.607	62	15142	4.549	ug/L	88
6) Bromomethane	1.861	94	7728	4.711	ug/L	98
8) Chloroethane	1.938	64	8724	4.173	ug/L	94
9) Trichlorofluoromethane	2.141	101	18796	4.909	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	11199	4.610	ug/L	98
12) 1,1-Dichloroethene	2.584	96	10421	4.695	ug/L	91
13) Acetone	2.633	43	28270	10.100	ug/L	98
14) Carbon disulfide	2.797	76	28845	4.140	ug/L	99
15) Methyl Acetate	2.954	43	15316	4.384	ug/L	98
16) Methylene chloride	3.051	84	14522	5.128	ug/L	96
17) trans-1,2-Dichloroethene	3.359	96	11765	5.022	ug/L	90
18) Methyl tert-butyl Ether	3.372	73	37331	4.763	ug/L	99
19) 1,1-Dichloroethane	3.877	63	23403	4.797	ug/L	98
20) cis-1,2-Dichloroethene	4.674	96	12592	4.829	ug/L	99
22) 2-Butanone	4.713	43	28199	8.932	ug/L	95
23) Bromochloromethane	4.980	128	6359	4.815	ug/L	89
25) Chloroform	5.096	83	24094	4.931	ug/L	95
27) 1,2-Dichloroethane	5.800	62	19199	4.748	ug/L	100
29) Cyclohexane	5.395	56	17289	4.149	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	18991	4.869	ug/L	97
31) Carbon tetrachloride	5.533	117	14193	4.611	ug/L	98
33) Benzene	5.781	78	48858	4.680	ug/L	100
34) Trichloroethene	6.546	95	12112	4.797	ug/L	99
35) Methylcyclohexane	6.768	83	17774	4.286	ug/L	96
37) 1,2-Dichloropropane	6.797	63	13322	4.677	ug/L	# 96
38) Bromodichloromethane	7.112	83	17189	4.896	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	18393	4.478	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	37203	7.917	ug/L	98
42) Toluene	7.973	91	49301	4.641	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	17492	4.474	ug/L	99

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45) 1,1,2-Trichloroethane	8.407	97	12607	4.831	ug/L	98
46) Tetrachloroethene	8.559	164	8284	4.620	ug/L	90
48) 2-Hexanone	8.690	43	32545	7.862	ug/L	96
49) Dibromochloromethane	8.813	129	12054	4.680	ug/L	97
50) 1,2-Dibromoethane	8.928	107	13083	4.805	ug/L #	95
51) Chlorobenzene	9.452	112	32249	4.863	ug/L	100
52) Ethylbenzene	9.575	91	51625	4.561	ug/L	100
53) m,p-Xylene	9.700	106	19225	4.481	ug/L	92
54) o-xylene	10.105	106	19711	4.668	ug/L	96
55) Styrene	10.121	104	30868	4.253	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	22208	4.467	ug/L	98
59) Bromoform	10.295	173	7841	4.611	ug/L	98
60) 1,2,3-Trichloropropane	10.829	75	18169	4.818	ug/L	99
61) Isopropylbenzene	10.488	105	48494	4.822	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	38066	4.527	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	37826	4.404	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	23537	5.032	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	24133	5.038	ug/L	98
67) 1,2-Dichlorobenzene	12.218	146	23709	4.963	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	4604	4.298	ug/L	92
69) 1,3,5-Trichlorobenzene	13.224	180	14976	4.637	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	10954	4.095	ug/L	98
71) Naphthalene	14.092	128	29865	3.255	ug/L	97
72) 1,2,3-Trichlorobenzene	14.336	180	10743	3.946	ug/L	98

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

