

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044772.D
 Acq On : 23 Sep 2021 09:29
 Operator : SY/MD
 Sample : VSTD00513
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005013

Quant Time: Sep 24 05:16:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:15:56 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	248013	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	242588	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	113205	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	14265	6.579	ug/L	0.00
7) Chloroethane-d5	1.903	69	11115	6.909	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	23877	6.462	ug/L	0.00
21) 2-Butanone-d5	4.629	46	19338	11.363	ug/L	0.00
24) Chloroform-d	5.070	84	22260	6.129	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	15321	6.669	ug/L	0.00
32) Benzene-d6	5.732	84	42271	5.699	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	14160	5.852	ug/L	0.00
41) Toluene-d8	7.903	98	34681	5.243	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	5589	5.250	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	11683	9.761	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	20644	5.634	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	12520	5.515	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	12653	5.924	ug/L	100
3) Chloromethane	1.520	50	16997	6.507	ug/L	95
5) Vinyl chloride	1.607	62	16074	6.354	ug/L	83
6) Bromomethane	1.839	94	8441	7.135	ug/L	99
8) Chloroethane	1.925	64	10216	6.958	ug/L	88
9) Trichlorofluoromethane	2.134	101	18556	6.457	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	11666	6.281	ug/L	98
12) 1,1-Dichloroethene	2.581	96	10075	5.547	ug/L	92
13) Acetone	2.630	43	29325	20.840	ug/L	99
14) Carbon disulfide	2.797	76	32810	5.722	ug/L	98
15) Methyl Acetate	2.954	43	16232	6.161	ug/L	100
16) Methylene chloride	3.051	84	13877	5.156	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	10337	5.496	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	33245	5.714	ug/L	99
19) 1,1-Dichloroethane	3.874	63	22805	6.118	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	11116	5.366	ug/L	90
22) 2-Butanone	4.710	43	28787	14.176	ug/L	98
23) Bromochloromethane	4.983	128	6165	5.561	ug/L	94
25) Chloroform	5.092	83	23223	6.352	ug/L	100
27) 1,2-Dichloroethane	5.803	62	19089	6.635	ug/L	98
29) Cyclohexane	5.391	56	17252	5.196	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	17522	5.803	ug/L	96
31) Carbon tetrachloride	5.530	117	14016	5.732	ug/L	100
33) Benzene	5.781	78	46958	5.619	ug/L	100
34) Trichloroethene	6.549	95	11607	5.724	ug/L	98
35) Methylcyclohexane	6.768	83	17507	5.379	ug/L	97
37) 1,2-Dichloropropane	6.797	63	13099	5.737	ug/L	100
38) Bromodichloromethane	7.112	83	15623	5.739	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	16580	5.273	ug/L	96
40) 4-Methyl-2-pentanone	7.797	43	36908	10.513	ug/L	98
42) Toluene	7.973	91	45298	5.211	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	15600	5.258	ug/L	99

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45) 1,1,2-Trichloroethane	8.407	97	11643	5.562	ug/L	97
46) Tetrachloroethene	8.559	164	8188	5.256	ug/L	98
48) 2-Hexanone	8.690	43	33330	11.538	ug/L	95
49) Dibromochloromethane	8.816	129	11347	5.334	ug/L	91
50) 1,2-Dibromoethane	8.928	107	11887	5.462	ug/L	97
51) Chlorobenzene	9.452	112	29236	5.453	ug/L	98
52) Ethylbenzene	9.575	91	45853	5.102	ug/L	97
53) m,p-Xylene	9.700	106	16871	4.967	ug/L	95
54) o-xylene	10.105	106	16591	4.921	ug/L	94
55) Styrene	10.118	104	26025	4.568	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	21361	5.569	ug/L	97
59) Bromoform	10.295	173	7132	4.855	ug/L #	92
60) 1,2,3-Trichloropropane	10.829	75	17707	6.472	ug/L	98
61) Isopropylbenzene	10.488	105	41293	5.441	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	32329	5.124	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	32313	5.082	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	20293	5.590	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	21240	5.733	ug/L	92
67) 1,2-Dichlorobenzene	12.218	146	20470	5.417	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	4207	5.516	ug/L	93
69) 1,3,5-Trichlorobenzene	13.224	180	13112	4.926	ug/L	98
70) 1,2,4-trichlorobenzene	13.845	180	9694	4.269	ug/L	99
71) Naphthalene	14.092	128	26494	3.459	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	9547	4.015	ug/L	98

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

