

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112921\
 Data File : VU046018.D
 Acq On : 29 Nov 2021 12:23
 Operator : SY/MD
 Sample : VSTD01032
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010032

Quant Time: Nov 30 01:54:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 30 01:52:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	185717	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	188107	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	96460	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	15217	10.091	ug/L	0.00
7) Chloroethane-d5	1.919	69	12374	10.249	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	28425	10.610	ug/L	0.00
21) 2-Butanone-d5	4.649	46	24848	19.921	ug/L	0.00
24) Chloroform-d	5.067	84	25161	9.425	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	17644	9.986	ug/L	0.00
32) Benzene-d6	5.732	84	54158	9.460	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	17371	9.499	ug/L	0.00
41) Toluene-d8	7.899	98	49866	9.888	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	7646	8.859	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	13628	14.267	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	25295	9.251	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	18689	9.751	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	22015	12.850	ug/L	98
3) Chloromethane	1.523	50	19052	9.800	ug/L	99
5) Vinyl chloride	1.607	62	19481	10.570	ug/L	100
6) Bromomethane	1.864	94	11116	11.471	ug/L	91
8) Chloroethane	1.938	64	11347	10.276	ug/L	97
9) Trichlorofluoromethane	2.144	101	25804	11.548	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	15038	11.174	ug/L	97
12) 1,1-Dichloroethene	2.584	96	13769	10.878	ug/L	93
13) Acetone	2.665	43	34287	30.157	ug/L	99
14) Carbon disulfide	2.800	76	42988	11.675	ug/L	100
15) Methyl Acetate	2.964	43	20306	11.663	ug/L	98
16) Methylene chloride	3.051	84	16937	10.959	ug/L	97
17) trans-1,2-Dichloroethene	3.359	96	14578	10.743	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	43620	9.419	ug/L	99
19) 1,1-Dichloroethane	3.874	63	26809	10.136	ug/L	95
20) cis-1,2-Dichloroethene	4.671	96	15785	10.318	ug/L	100
22) 2-Butanone	4.726	43	38419	26.187	ug/L	99
23) Bromochloromethane	4.977	128	8080	10.867	ug/L	96
25) Chloroform	5.092	83	30864	11.444	ug/L	96
27) 1,2-Dichloroethane	5.800	62	22908	10.565	ug/L	100
29) Cyclohexane	5.395	56	22512	8.645	ug/L	100
30) 1,1,1-Trichloroethane	5.321	97	25226	10.695	ug/L	97
31) Carbon tetrachloride	5.530	117	20597	10.819	ug/L	98
33) Benzene	5.777	78	62444	9.853	ug/L	100
34) Trichloroethene	6.546	95	16357	10.569	ug/L	98
35) Methylcyclohexane	6.768	83	23129	8.688	ug/L	95
37) 1,2-Dichloropropane	6.793	63	16252	9.676	ug/L	98
38) Bromodichloromethane	7.108	83	21108	9.906	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	22332	8.710	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	46405	18.729	ug/L	99
42) Toluene	7.973	91	66174	9.960	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	21923	8.953	ug/L	95

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45) 1,1,2-Trichloroethane	8.401	97	17040	10.838	ug/L	99
46) Tetrachloroethene	8.555	164	11911	10.753	ug/L	93
48) 2-Hexanone	8.687	43	43143	20.588	ug/L	99
49) Dibromochloromethane	8.809	129	16718	10.808	ug/L	97
50) 1,2-Dibromoethane	8.925	107	17544	10.525	ug/L	96
51) Chlorobenzene	9.449	112	42978	10.616	ug/L	98
52) Ethylbenzene	9.571	91	67789	9.555	ug/L	98
53) m,p-Xylene	9.693	106	26415	9.726	ug/L	98
54) o-xylene	10.102	106	26301	9.827	ug/L	99
55) Styrene	10.115	104	43079	9.544	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	27902	10.121	ug/L	98
59) Bromoform	10.291	173	11678	10.582	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	24086	10.487	ug/L	99
61) Isopropylbenzene	10.488	105	66496	9.532	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	51717	8.731	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	51533	8.597	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	32215	10.364	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	33110	10.492	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	32606	10.216	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	5751	8.682	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	22191	9.655	ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	18925	9.057	ug/L	99
71) Naphthalene	14.086	128	63629	8.098	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	20785	9.714	ug/L	98

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

