

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102821\
 Data File : VU045431.D
 Acq On : 28 Oct 2021 10:54
 Operator : SY/MD
 Sample : VSTD01026
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010026

Quant Time: Oct 29 02:50:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 02:49:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	312752	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	292586	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	140799	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	26256	16.289	ug/L	0.00
7) Chloroethane-d5	1.916	69	20387	14.167	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	63	45903	14.759	ug/L	0.00
21) 2-Butanone-d5	4.636	46	41373	20.146	ug/L	0.00
24) Chloroform-d	5.067	84	46775	12.199	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	31215	12.017	ug/L	0.00
32) Benzene-d6	5.732	84	94389	15.136	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	30300	13.106	ug/L	0.00
41) Toluene-d8	7.902	98	80547	14.993	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	13511	11.716	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	29547	21.219	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	44984	10.768	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	29413	11.552	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	27654	11.500	ug/L	98
3) Chloromethane	1.520	50	36611	13.360	ug/L	96
5) Vinyl chloride	1.607	62	31256	10.618	ug/L	98
6) Bromomethane	1.861	94	16123	10.394	ug/L	99
8) Chloroethane	1.935	64	18433	10.259	ug/L	96
9) Trichlorofluoromethane	2.137	101	36611	10.272	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	22715	10.159	ug/L	100
12) 1,1-Dichloroethene	2.581	96	21276	10.246	ug/L	94
13) Acetone	2.645	43	33554	14.947	ug/L	100
14) Carbon disulfide	2.797	76	59443	10.334	ug/L	100
15) Methyl Acetate	2.954	43	29389	9.903	ug/L	99
16) Methylene chloride	3.051	84	26668	10.044	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	22724	10.194	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	79300	10.232	ug/L	100
19) 1,1-Dichloroethane	3.874	63	45722	10.079	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	25414	9.985	ug/L	99
22) 2-Butanone	4.716	43	46899	18.285	ug/L	98
23) Bromochloromethane	4.980	128	12584	10.107	ug/L	96
25) Chloroform	5.092	83	45744	9.973	ug/L	97
27) 1,2-Dichloroethane	5.796	62	37782	10.236	ug/L	97
29) Cyclohexane	5.391	56	42582	11.680	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	36516	10.290	ug/L	98
31) Carbon tetrachloride	5.530	117	28840	10.511	ug/L	99
33) Benzene	5.777	78	102215	10.867	ug/L	100
34) Trichloroethene	6.546	95	24207	10.498	ug/L	96
35) Methylcyclohexane	6.767	83	41178	11.115	ug/L	98
37) 1,2-Dichloropropane	6.793	63	27333	10.747	ug/L	100
38) Bromodichloromethane	7.108	83	33421	10.187	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	39822	10.409	ug/L	95
40) 4-Methyl-2-pentanone	7.796	43	76973	19.944	ug/L	98
42) Toluene	7.973	91	105180	10.714	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	37000	10.150	ug/L	97

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45) 1,1,2-Trichloroethane	8.404	97	25526	10.525	ug/L	98
46) Tetrachloroethene	8.555	164	17329	10.772	ug/L	97
48) 2-Hexanone	8.690	43	63994	19.752	ug/L	99
49) Dibromochloromethane	8.812	129	22752	9.624	ug/L	95
50) 1,2-Dibromoethane	8.928	107	26013	10.353	ug/L	97
51) Chlorobenzene	9.449	112	63734	10.332	ug/L	98
52) Ethylbenzene	9.574	91	108697	10.266	ug/L	98
53) m,p-Xylene	9.697	106	40945	10.138	ug/L	94
54) o-xylene	10.105	106	40602	10.059	ug/L	99
55) Styrene	10.118	104	65898	9.659	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	43981	10.176	ug/L	98
59) Bromoform	10.295	173	15619	9.870	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	36298	10.937	ug/L	99
61) Isopropylbenzene	10.488	105	104402	10.580	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	85129	10.384	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	86986	10.455	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	45872	10.293	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	46752	10.352	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	47519	10.472	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	9907	10.642	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	32354	10.432	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	29377	11.141	ug/L	98
71) Naphthalene	14.089	128	110604	12.166	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	30240	11.423	ug/L	99

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

