

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU051996.D
 Acq On : 21 Nov 2022 14:44
 Operator : JC/MD
 Sample : VSTD01056
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010056

Quant Time: Nov 22 00:39:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 00:38:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	484686	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	468372	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	202460	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	43362	10.907	ug/L	0.00
7) Chloroethane-d5	1.909	69	33987	10.431	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	62766	9.551	ug/L	0.00
21) 2-Butanone-d5	4.626	46	45993	17.080	ug/L	0.00
24) Chloroform-d	5.060	84	69219	9.740	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	40969	9.365	ug/L	0.00
32) Benzene-d6	5.726	84	135548	10.397	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	44082	10.353	ug/L	0.00
41) Toluene-d8	7.896	98	116060	9.856	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	17582	9.788	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	27566	15.113	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	67356	9.302	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	41974	10.851	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	26517	6.673	ug/L	99
3) Chloromethane	1.526	50	40026	7.687	ug/L	95
5) Vinyl chloride	1.604	62	38420	7.444	ug/L	83
6) Bromomethane	1.848	94	20449	7.636	ug/L	97
8) Chloroethane	1.932	64	26254	8.418	ug/L	98
9) Trichlorofluoromethane	2.137	101	46701	7.817	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	29313	7.936	ug/L	98
12) 1,1-Dichloroethene	2.578	96	28596	8.172	ug/L	93
13) Acetone	2.623	43	45104	15.247	ug/L	99
14) Carbon disulfide	2.793	76	70849	6.452	ug/L	100
15) Methyl Acetate	2.948	43	36737	8.097	ug/L	98
16) Methylene chloride	3.047	84	46823	10.038	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	29372	8.126	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	90180	8.541	ug/L	99
19) 1,1-Dichloroethane	3.867	63	61695	8.580	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	34174	8.509	ug/L	97
22) 2-Butanone	4.703	43	52218	14.984	ug/L	97
23) Bromochloromethane	4.973	128	19163	8.551	ug/L	98
25) Chloroform	5.086	83	62628	8.439	ug/L	99
27) 1,2-Dichloroethane	5.793	62	48398	8.487	ug/L	98
29) Cyclohexane	5.388	56	36762	7.673	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	49823	9.077	ug/L	100
31) Carbon tetrachloride	5.523	117	39465	8.566	ug/L	99
33) Benzene	5.774	78	136517	8.979	ug/L	100
34) Trichloroethene	6.539	95	32538	8.898	ug/L	98
35) Methylcyclohexane	6.761	83	38823	7.524	ug/L	95
37) 1,2-Dichloropropane	6.790	63	39420	9.424	ug/L	# 94
38) Bromodichloromethane	7.105	83	46980	8.824	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	47993	8.659	ug/L	96
40) 4-Methyl-2-pentanone	7.790	43	85939	15.551	ug/L	97
42) Toluene	7.967	91	134019	8.593	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	43323	8.112	ug/L	96

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45) 1,1,2-Trichloroethane	8.398	97	37955	9.088	ug/L	96
46) Tetrachloroethene	8.552	164	24434	9.004	ug/L	99
48) 2-Hexanone	8.684	43	69590	14.937	ug/L	96
49) Dibromochloromethane	8.806	129	37412	8.738	ug/L	98
50) 1,2-Dibromoethane	8.922	107	37521	8.768	ug/L	98
51) Chlorobenzene	9.446	112	91737	8.933	ug/L	99
52) Ethylbenzene	9.568	91	128351	8.145	ug/L	99
53) m,p-Xylene	9.693	106	47887	7.909	ug/L	96
54) o-Xylene	10.098	106	48048	7.922	ug/L	98
55) Styrene	10.115	104	77116	7.397	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	64536	8.144	ug/L	100
59) Bromoform	10.288	173	27541	9.715	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	51860	9.929	ug/L	98
61) Isopropylbenzene	10.481	105	117826	9.167	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	85502	7.936	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	80388	7.618	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	58055	8.945	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	59728	8.982	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	62124	9.158	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	11669	8.351	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	37210	8.587	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	27737	8.229	ug/L	98
71) Naphthalene	14.085	128	78857	7.248	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	30006	8.334	ug/L	99

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

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