

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112824\
 Data File : VU062059.D
 Acq On : 27 Nov 2024 17:08
 Operator : MD/SY
 Sample : VSTD20013
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200013

Quant Time: Nov 28 00:47:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 28 00:45:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	183776	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	175095	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	92395	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	253230	197.158	ug/L	0.00
7) Chloroethane-d5	1.901	69	165757	151.582	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	492681	205.854	ug/L	0.00
21) 2-Butanone-d5	4.608	46	384721	377.772	ug/L	0.00
24) Chloroform-d	5.049	84	534438	196.863	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	340380	196.888	ug/L	0.00
32) Benzene-d6	5.714	84	1010162	184.169	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	315906	188.191	ug/L	0.00
41) Toluene-d8	7.888	98	955918	187.621	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	173861	206.510	ug/L	0.00
47) 2-Hexanone-d5	8.624	63	274802	340.467	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	466123	178.594	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	368032	185.496	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	356123	258.509	ug/L	100
3) Chloromethane	1.515	50	294683	235.616	ug/L	100
5) Vinyl chloride	1.599	62	307545	232.181	ug/L	100
6) Bromomethane	1.846	94	164111	177.155	ug/L	99
8) Chloroethane	1.920	64	172625	202.692	ug/L	98
9) Trichlorofluoromethane	2.129	101	466868	244.576	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	255712	231.935	ug/L	98
12) 1,1-Dichloroethene	2.570	96	242808	235.893	ug/L	95
13) Acetone	2.621	43	385966	474.199	ug/L	99
14) Carbon disulfide	2.785	76	748953	238.903	ug/L	99
15) Methyl Acetate	2.936	43	275960	224.149	ug/L	98
16) Methylene chloride	3.036	84	276367	219.305	ug/L	100
17) trans-1,2-Dichloroethene	3.341	96	253785	227.427	ug/L	98
18) Methyl tert-butyl Ether	3.351	73	871041	228.385	ug/L	100
19) 1,1-Dichloroethane	3.856	63	471871	221.799	ug/L	97
20) cis-1,2-Dichloroethene	4.653	96	286173	218.440	ug/L	98
22) 2-Butanone	4.689	43	452479	450.700	ug/L	99
23) Bromochloromethane	4.959	128	149918	225.408	ug/L	96
25) Chloroform	5.074	83	510364	223.093	ug/L	100
27) 1,2-Dichloroethane	5.779	62	409792	224.579	ug/L	99
29) Cyclohexane	5.377	56	423612	224.045	ug/L	99
30) 1,1,1-Trichloroethane	5.303	97	469344	238.148	ug/L	99
31) Carbon tetrachloride	5.512	117	420560	245.142	ug/L	100
33) Benzene	5.763	78	1073142	215.279	ug/L	100
34) Trichloroethene	6.531	95	297184	226.210	ug/L	97
35) Methylcyclohexane	6.753	83	457586	225.339	ug/L	99
37) 1,2-Dichloropropane	6.779	63	281949	213.107	ug/L	99
38) Bromodichloromethane	7.094	83	391935	230.149	ug/L	97
39) cis-1,3-Dichloropropene	7.595	75	493576	233.619	ug/L	100
40) 4-Methyl-2-pentanone	7.779	43	743215	418.458	ug/L	99
42) Toluene	7.959	91	1164610	214.922	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	461252	234.696	ug/L	100

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45) 1,1,2-Trichloroethane	8.389	97	282184	212.747	ug/L	100
46) Tetrachloroethene	8.544	164	220053	228.612	ug/L	98
48) 2-Hexanone	8.676	43	629319	436.215	ug/L	98
49) Dibromochloromethane	8.798	129	310818	234.410	ug/L	98
50) 1,2-Dibromoethane	8.914	107	312343	213.649	ug/L	98
51) Chlorobenzene	9.438	112	727065	210.564	ug/L	98
52) Ethylbenzene	9.560	91	1315926	223.628	ug/L	100
53) m,p-Xylene	9.685	106	492530	220.433	ug/L	98
54) o-Xylene	10.090	106	478238	217.254	ug/L	99
55) Styrene	10.103	104	834149	230.733	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	469266	205.765	ug/L	98
59) Bromoform	10.280	173	252994	234.770	ug/L #	98
60) 1,2,3-Trichloropropane	10.811	75	373453	194.523	ug/L	99
61) Isopropylbenzene	10.473	105	1303293	215.160	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	1136211	228.897	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	1126369	230.162	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	593490	217.437	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	599057	216.619	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	587476	215.543	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.984	75	118897	231.545	ug/L	93
69) 1,3,5-Trichlorobenzene	13.209	180	436334	237.344	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	405454	260.755	ug/L	99
71) Naphthalene	14.074	128	1239410	254.450	ug/L	100
72) 1,2,3-Trichlorobenzene	14.319	180	389739	255.218	ug/L	99

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

