

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070224\
 Data File : VU059728.D
 Acq On : 02 Jul 2024 10:03
 Operator : MD/SY
 Sample : VSTD20001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200001

Quant Time: Jul 03 01:23:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 01:21:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	332980	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	325666	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	181736	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	425684	210.188	ug/L	0.00
7) Chloroethane-d5	1.898	69	358061	205.800	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	747729	190.914	ug/L	0.00
21) 2-Butanone-d5	4.602	46	653233	363.440	ug/L	0.00
24) Chloroform-d	5.049	84	820142	204.345	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	491978	202.047	ug/L	0.00
32) Benzene-d6	5.718	84	1690485	219.923	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	520543	201.063	ug/L	0.00
41) Toluene-d8	7.891	98	1635909	244.053	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	264719	246.973	ug/L	0.00
47) 2-Hexanone-d5	8.621	63	526207	448.115	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	821179	190.344	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	668933	234.613	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	387772	125.821	ug/L	100
3) Chloromethane	1.515	50	372039	105.459	ug/L	97
5) Vinyl chloride	1.599	62	446740	127.068	ug/L	100
6) Bromomethane	1.837	94	266664	100.280	ug/L	99
8) Chloroethane	1.920	64	283148	127.178	ug/L	99
9) Trichlorofluoromethane	2.129	101	603434	143.362	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	391338	158.033	ug/L	99
12) 1,1-Dichloroethene	2.570	96	366482	162.975	ug/L	99
13) Acetone	2.612	43	518857	251.623	ug/L	99
14) Carbon disulfide	2.785	76	926779	126.625	ug/L	99
15) Methyl Acetate	2.933	43	450954	138.833	ug/L	97
16) Methylene chloride	3.033	84	438224	144.595	ug/L	99
17) trans-1,2-Dichloroethene	3.342	96	387345	159.749	ug/L	99
18) Methyl tert-butyl Ether	3.348	73	1303712	165.177	ug/L	100
19) 1,1-Dichloroethane	3.856	63	727543	142.415	ug/L	99
20) cis-1,2-Dichloroethene	4.653	96	474063	169.477	ug/L	98
22) 2-Butanone	4.682	43	715746	286.185	ug/L	99
23) Bromochloromethane	4.962	128	245663	172.196	ug/L	97
25) Chloroform	5.075	83	779905	155.430	ug/L	99
27) 1,2-Dichloroethane	5.782	62	591964	142.492	ug/L	100
29) Cyclohexane	5.377	56	583785	145.016	ug/L	99
30) 1,1,1-Trichloroethane	5.303	97	640844	158.809	ug/L	99
31) Carbon tetrachloride	5.515	117	534235	162.395	ug/L	99
33) Benzene	5.763	78	1682859	151.453	ug/L	100
34) Trichloroethene	6.531	95	451896	164.502	ug/L	98
35) Methylcyclohexane	6.753	83	661208	165.795	ug/L	98
37) 1,2-Dichloropropane	6.779	63	461425	147.069	ug/L	99
38) Bromodichloromethane	7.094	83	601340	161.703	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	766211	173.879	ug/L	97
40) 4-Methyl-2-pentanone	7.779	43	1293165	317.207	ug/L	99
42) Toluene	7.962	91	1891744	167.859	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	701935	176.431	ug/L	99

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45) 1,1,2-Trichloroethane	8.390	97	482802	167.177	ug/L	99
46) Tetrachloroethene	8.544	164	362275	190.352	ug/L	99
48) 2-Hexanone	8.673	43	1049418	304.837	ug/L	99
49) Dibromochloromethane	8.801	129	498377	188.205	ug/L	100
50) 1,2-Dibromoethane	8.914	107	525722	175.623	ug/L	100
51) Chlorobenzene	9.438	112	1229211	177.619	ug/L	99
52) Ethylbenzene	9.563	91	2103691	180.420	ug/L	99
53) m,p-Xylene	9.685	106	817143	189.219	ug/L	99
54) o-Xylene	10.094	106	802086	191.346	ug/L	99
55) Styrene	10.107	104	1408805	197.985	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	842673	161.243	ug/L	100
59) Bromoform	10.280	173	428656	182.499	ug/L	99
60) 1,2,3-Trichloropropane	10.814	75	633972	133.793	ug/L	99
61) Isopropylbenzene	10.476	105	2119025	173.162	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	1638405	184.772	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	1801549	188.627	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	1055144	180.680	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	1076130	178.570	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	1065193	176.106	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.988	75	200676	166.877	ug/L	98
69) 1,3,5-Trichlorobenzene	13.213	180	805419	206.670	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	760809	238.622	ug/L	100
71) Naphthalene	14.078	128	2429679	240.727	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	744644	230.405	ug/L	98

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

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