

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102924\
 Data File : VU061273.D
 Acq On : 28 Oct 2024 18:43
 Operator : MD/SY
 Sample : VSTD10006
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100006

Quant Time: Oct 29 01:50:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 29 01:48:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	263645	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	246668	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	125709	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	186370	108.986	ug/L	0.00
7) Chloroethane-d5	1.901	69	163542	113.223	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	345571	112.407	ug/L	0.00
21) 2-Butanone-d5	4.608	46	321084	257.906	ug/L	0.00
24) Chloroform-d	5.052	84	408476	121.049	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	257589	126.077	ug/L	0.00
32) Benzene-d6	5.718	84	819130	124.485	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	254080	124.923	ug/L	0.00
41) Toluene-d8	7.888	98	767897	123.066	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	131734	135.954	ug/L	0.00
47) 2-Hexanone-d5	8.621	63	269400	299.228	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	398920	126.675	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	283267	118.185	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	190239	111.936	ug/L	100
3) Chloromethane	1.515	50	173855	105.373	ug/L	100
5) Vinyl chloride	1.599	62	191682	100.185	ug/L	99
6) Bromomethane	1.840	94	154901	142.504	ug/L	100
8) Chloroethane	1.924	64	123743	99.964	ug/L	98
9) Trichlorofluoromethane	2.129	101	269622	101.202	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	156244	93.883	ug/L	100
12) 1,1-Dichloroethene	2.573	96	149876	95.536	ug/L	99
13) Acetone	2.618	43	216396	178.218	ug/L	97
14) Carbon disulfide	2.785	76	458508	111.575	ug/L	100
15) Methyl Acetate	2.940	43	182816	98.742	ug/L	100
16) Methylene chloride	3.036	84	181134	92.088	ug/L	98
17) trans-1,2-Dichloroethene	3.345	96	163933	100.921	ug/L	99
18) Methyl tert-butyl Ether	3.351	73	558539	104.675	ug/L	99
19) 1,1-Dichloroethane	3.856	63	308845	100.059	ug/L	99
20) cis-1,2-Dichloroethene	4.653	96	194621	99.126	ug/L	99
22) 2-Butanone	4.689	43	294522	193.912	ug/L	97
23) Bromochloromethane	4.962	128	99318	96.230	ug/L	94
25) Chloroform	5.075	83	335526	100.937	ug/L	98
27) 1,2-Dichloroethane	5.782	62	271794	106.723	ug/L	99
29) Cyclohexane	5.377	56	284665	120.909	ug/L	99
30) 1,1,1-Trichloroethane	5.306	97	286896	108.310	ug/L	99
31) Carbon tetrachloride	5.515	117	246594	111.927	ug/L	100
33) Benzene	5.763	78	733311	106.994	ug/L	100
34) Trichloroethene	6.531	95	193355	105.720	ug/L	99
35) Methylcyclohexane	6.753	83	302602	116.920	ug/L	99
37) 1,2-Dichloropropane	6.779	63	194507	104.261	ug/L	99
38) Bromodichloromethane	7.094	83	257068	108.125	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	317707	110.014	ug/L	98
40) 4-Methyl-2-pentanone	7.779	43	537626	222.537	ug/L	99
42) Toluene	7.959	91	805793	108.104	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	305261	114.197	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.390	97	197874	101.693	ug/L	99
46) Tetrachloroethene	8.544	164	138722	94.969	ug/L	99
48) 2-Hexanone	8.673	43	450979	223.614	ug/L	99
49) Dibromochloromethane	8.801	129	206292	107.135	ug/L	100
50) 1,2-Dibromoethane	8.914	107	220461	107.255	ug/L	97
51) Chlorobenzene	9.438	112	514228	104.334	ug/L	99
52) Ethylbenzene	9.560	91	890655	111.214	ug/L	99
53) m,p-Xylene	9.685	106	344013	110.772	ug/L	99
54) o-Xylene	10.090	106	340550	113.487	ug/L	96
55) Styrene	10.103	104	570278	113.853	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	346921	104.908	ug/L	99
59) Bromoform	10.280	173	161424	105.367	ug/L #	98
60) 1,2,3-Trichloropropane	10.811	75	267558	107.407	ug/L	100
61) Isopropylbenzene	10.473	105	882878	115.601	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	728423	126.837	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	723780	120.392	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	388535	101.240	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	387381	97.617	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	390524	100.422	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	78820	115.058	ug/L	97
69) 1,3,5-Trichlorobenzene	13.209	180	265486	96.594	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	246580	99.763	ug/L	100
71) Naphthalene	14.077	128	844746	116.990	ug/L	100
72) 1,2,3-Trichlorobenzene	14.319	180	240469	98.342	ug/L	99

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

