

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120524\
 Data File : VU062090.D
 Acq On : 05 Dec 2024 09:03
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050098

Quant Time: Dec 06 00:41:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 28 01:06:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	160680	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	149538	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	78285	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	55798	50.120	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.240%	
7) Chloroethane-d5	1.905	69	43221	53.867	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 107.740%	
11) 1,1-Dichloroethene-d2	2.564	63	110889	52.534	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 105.060%	
21) 2-Butanone-d5	4.615	46	69618	92.023	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 92.020%	
24) Chloroform-d	5.052	84	122411	52.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.360%	
26) 1,2-Dichloroethane-d4	5.689	65	79229	53.448	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.900%	
32) Benzene-d6	5.718	84	229686	53.713	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.420%	
36) 1,2-Dichloropropane-d6	6.679	67	70762	52.657	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 105.320%	
41) Toluene-d8	7.891	98	216009	54.566	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 109.140%	
43) trans-1,3-Dichloroprop...	8.171	79	38227	56.920	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 113.840%	
47) 2-Hexanone-d5	8.625	63	47959	94.741	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 94.740%	
56) 1,1,2,2-Tetrachloroeth...	10.747	84	102761	52.547	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 105.100%	
66) 1,2-Dichlorobenzene-d4	12.184	152	82620	53.647	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.300%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	86816	56.586	ug/L	99
3) Chloromethane	1.515	50	68430	54.126	ug/L	100
5) Vinyl chloride	1.602	62	69046	52.954	ug/L	99
6) Bromomethane	1.843	94	40949	57.177	ug/L	99
8) Chloroethane	1.924	64	39875	53.090	ug/L	95
9) Trichlorofluoromethane	2.133	101	110265	55.315	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	61742	55.243	ug/L	98
12) 1,1-Dichloroethene	2.573	96	54351	53.466	ug/L	95
13) Acetone	2.618	43	103366	114.097	ug/L	98
14) Carbon disulfide	2.786	76	168330	55.046	ug/L	99
15) Methyl Acetate	2.943	43	56051	50.166	ug/L	95
16) Methylene chloride	3.036	84	62234	53.696	ug/L	98
17) trans-1,2-Dichloroethene	3.345	96	56711	54.267	ug/L	98
18) Methyl tert-butyl Ether	3.351	73	188506	53.522	ug/L	99
19) 1,1-Dichloroethane	3.859	63	106447	53.157	ug/L	99
20) cis-1,2-Dichloroethene	4.657	96	62957	52.890	ug/L	98
22) 2-Butanone	4.692	43	104177	106.617	ug/L	98
23) Bromochloromethane	4.965	128	33279	53.757	ug/L	98
25) Chloroform	5.078	83	118638	54.589	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	92844	53.488	ug/L	99
29) Cyclohexane	5.380	56	94045	55.053	ug/L	99
30) 1,1,1-Trichloroethane	5.306	97	108947	56.323	ug/L	99
31) Carbon tetrachloride	5.515	117	98457	56.957	ug/L	99
33) Benzene	5.766	78	246173	55.324	ug/L	100
34) Trichloroethene	6.535	95	66894	55.056	ug/L	98
35) Methylcyclohexane	6.753	83	102643	55.727	ug/L	99
37) 1,2-Dichloropropane	6.782	63	62564	53.136	ug/L	99
38) Bromodichloromethane	7.097	83	87782	55.333	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	106317	55.919	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	145730	99.079	ug/L	100
42) Toluene	7.962	91	264185	55.537	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	100448	57.134	ug/L	100
45) 1,1,2-Trichloroethane	8.390	97	63489	54.333	ug/L	99
46) Tetrachloroethene	8.544	164	52260	56.605	ug/L	98
48) 2-Hexanone	8.676	43	129922	104.783	ug/L	98
49) Dibromochloromethane	8.801	129	69847	57.205	ug/L	98
50) 1,2-Dibromoethane	8.914	107	68833	54.227	ug/L	99
51) Chlorobenzene	9.438	112	166837	55.520	ug/L	99
52) Ethylbenzene	9.563	91	293982	56.257	ug/L	99
53) m,p-Xylene	9.686	106	110336	57.100	ug/L	95
54) o-Xylene	10.091	106	107502	56.868	ug/L	100
55) Styrene	10.107	104	183030	57.545	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	101572	52.672	ug/L	99
59) Bromoform	10.280	173	52633	53.332	ug/L #	99
60) 1,2,3-Trichloropropane	10.814	75	81028	50.650	ug/L	98
61) Isopropylbenzene	10.477	105	291786	55.359	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	249759	55.656	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	244163	56.507	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	131480	53.982	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	133051	53.821	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	131488	54.654	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.988	75	23256	51.582	ug/L	93
69) 1,3,5-Trichlorobenzene	13.213	180	96741	56.418	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	78294	53.481	ug/L	99
71) Naphthalene	14.081	128	189538	47.783	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	73184	51.786	ug/L	99

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

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