

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112824\
 Data File : VU062060.D
 Acq On : 27 Nov 2024 17:55
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV014

Quant Time: Nov 28 01:10:38 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	6.238	114	180698	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	166970	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	86433	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	60628	48.425	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.860%
7) Chloroethane-d5	1.904	69	41916	46.453	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.900%
11) 1,1-Dichloroethene-d2	2.560	63	119147	50.193	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.380%
21) 2-Butanone-d5	4.615	46	94531	111.111	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.110%
24) Chloroform-d	5.052	84	129234	49.457	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.920%
26) 1,2-Dichloroethane-d4	5.689	65	83199	49.908	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.820%
32) Benzene-d6	5.714	84	245193	51.353	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.700%
36) 1,2-Dichloropropane-d6	6.679	67	76696	51.115	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.220%
41) Toluene-d8	7.888	98	228814	51.766	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.540%
43) trans-1,3-Dichloroprop...	8.171	79	39583	52.786	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.580%
47) 2-Hexanone-d5	8.624	63	64294	113.751	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.750%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	114939	52.638	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.280%
66) 1,2-Dichlorobenzene-d4	12.184	152	85378	50.212	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.383	85	84904	49.209	ug/L	99
3) Chloromethane	1.518	50	72529	51.013	ug/L	100
5) Vinyl chloride	1.602	62	74986	51.139	ug/L	99
6) Bromomethane	1.850	94	41490	51.515	ug/L	99
8) Chloroethane	1.924	64	42614	50.451	ug/L	97
9) Trichlorofluoromethane	2.132	101	110484	49.284	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	61109	48.620	ug/L	97
12) 1,1-Dichloroethene	2.573	96	58004	50.738	ug/L	96
13) Acetone	2.624	43	94205	92.466	ug/L	96
14) Carbon disulfide	2.785	76	178984	52.046	ug/L	99
15) Methyl Acetate	2.943	43	68596	54.593	ug/L	98
16) Methylene chloride	3.036	84	66353	50.908	ug/L	100
17) trans-1,2-Dichloroethene	3.345	96	62076	52.820	ug/L	98
18) Methyl tert-butyl Ether	3.351	73	206946	52.248	ug/L	100
19) 1,1-Dichloroethane	3.856	63	114753	50.957	ug/L	98
20) cis-1,2-Dichloroethene	4.653	96	69050	51.582	ug/L	96
22) 2-Butanone	4.692	43	109999	100.104	ug/L	99
23) Bromochloromethane	4.962	128	37262	53.522	ug/L	95
25) Chloroform	5.074	83	126394	51.715	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	99737	51.093	ug/L	100
29) Cyclohexane	5.377	56	96978	50.843	ug/L	99
30) 1,1,1-Trichloroethane	5.306	97	112460	52.069	ug/L	98
31) Carbon tetrachloride	5.512	117	97638	50.586	ug/L	98
33) Benzene	5.763	78	264254	53.188	ug/L	100
34) Trichloroethene	6.531	95	71603	52.779	ug/L	96
35) Methylcyclohexane	6.753	83	104292	50.710	ug/L	100
37) 1,2-Dichloropropane	6.779	63	68071	51.778	ug/L	99
38) Bromodichloromethane	7.094	83	92459	52.197	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	113744	53.579	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	185491	112.945	ug/L	99
42) Toluene	7.959	91	276909	52.135	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	105230	53.606	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	69560	53.314	ug/L	98
46) Tetrachloroethene	8.544	164	51708	50.159	ug/L	94
48) 2-Hexanone	8.676	43	156720	113.199	ug/L	97
49) Dibromochloromethane	8.798	129	72863	53.445	ug/L	99
50) 1,2-Dibromoethane	8.914	107	76116	53.704	ug/L	98
51) Chlorobenzene	9.438	112	173569	51.730	ug/L	99
52) Ethylbenzene	9.560	91	307493	52.699	ug/L	100
53) m,p-Xylene	9.685	106	114633	53.130	ug/L	97
54) o-Xylene	10.090	106	114296	54.150	ug/L	96
55) Styrene	10.106	104	194129	54.663	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	117509	54.574	ug/L	98
59) Bromoform	10.280	173	58317	53.521	ug/L #	98
60) 1,2,3-Trichloropropane	10.811	75	92273	52.242	ug/L	99
61) Isopropylbenzene	10.476	105	300958	51.717	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	255510	51.570	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	251059	52.625	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	136432	50.734	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	138436	50.721	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	136465	51.376	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	27388	55.020	ug/L	94
69) 1,3,5-Trichlorobenzene	13.209	180	95909	50.660	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	88577	54.801	ug/L	98
71) Naphthalene	14.077	128	272738	62.276	ug/L	100
72) 1,2,3-Trichlorobenzene	14.319	180	85244	54.634	ug/L	98

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

