

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103024\
 Data File : VU061303.D
 Acq On : 30 Oct 2024 15:53
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050096

Quant Time: Oct 31 22:52:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 22:49:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	268954	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	252039	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	128668	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	80453	42.588	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.180%
7) Chloroethane-d5	1.904	69	74409	45.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.080%
11) 1,1-Dichloroethene-d2	2.560	63	168712	48.540	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.080%
21) 2-Butanone-d5	4.608	46	152692	97.992	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.990%
24) Chloroform-d	5.052	84	196905	49.250	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.500%
26) 1,2-Dichloroethane-d4	5.692	65	122495	48.131	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.260%
32) Benzene-d6	5.717	84	391705	48.538	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.080%
36) 1,2-Dichloropropane-d6	6.682	67	120593	48.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.660%
41) Toluene-d8	7.891	98	369413	49.168	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.340%
43) trans-1,3-Dichloroprop...	8.174	79	61327	49.675	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.340%
47) 2-Hexanone-d5	8.624	63	120464	96.421	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.420%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	190024	48.891	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.780%
66) 1,2-Dichlorobenzene-d4	12.187	152	135846	47.693	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	96320	51.365	ug/L	98
3) Chloromethane	1.518	50	84758	48.031	ug/L	99
5) Vinyl chloride	1.602	62	90418	47.385	ug/L	98
6) Bromomethane	1.843	94	66288	46.924	ug/L	100
8) Chloroethane	1.923	64	59507	47.680	ug/L	97
9) Trichlorofluoromethane	2.132	101	133694	50.129	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	85735	55.606	ug/L	99
12) 1,1-Dichloroethene	2.573	96	78295	53.309	ug/L	98
13) Acetone	2.615	43	115892	100.949	ug/L	99
14) Carbon disulfide	2.785	76	236663	52.707	ug/L	100
15) Methyl Acetate	2.939	43	92255	51.093	ug/L	99
16) Methylene chloride	3.036	84	93748	51.617	ug/L	95
17) trans-1,2-Dichloroethene	3.345	96	85485	53.267	ug/L	96
18) Methyl tert-butyl Ether	3.351	73	281605	50.887	ug/L	98
19) 1,1-Dichloroethane	3.859	63	157944	51.355	ug/L	100
20) cis-1,2-Dichloroethene	4.656	96	96839	50.745	ug/L	99
22) 2-Butanone	4.689	43	147545	100.475	ug/L	97
23) Bromochloromethane	4.965	128	48595	49.719	ug/L	93
25) Chloroform	5.078	83	165634	50.402	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	132051	50.244	ug/L	99
29) Cyclohexane	5.380	56	146227	54.165	ug/L	100
30) 1,1,1-Trichloroethane	5.306	97	142232	51.446	ug/L	99
31) Carbon tetrachloride	5.515	117	121989	51.306	ug/L	98
33) Benzene	5.766	78	365975	51.235	ug/L	100
34) Trichloroethene	6.534	95	96912	51.839	ug/L	98
35) Methylcyclohexane	6.756	83	157672	54.565	ug/L	99
37) 1,2-Dichloropropane	6.782	63	94998	49.965	ug/L	98
38) Bromodichloromethane	7.097	83	121454	50.013	ug/L #	99
39) cis-1,3-Dichloropropene	7.598	75	156728	51.717	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	257801	98.487	ug/L	99
42) Toluene	7.962	91	402299	51.726	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	145659	51.639	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	96707	50.615	ug/L	99
46) Tetrachloroethene	8.547	164	70920	52.773	ug/L	97
48) 2-Hexanone	8.676	43	216784	102.076	ug/L	99
49) Dibromochloromethane	8.801	129	95365	50.333	ug/L	100
50) 1,2-Dibromoethane	8.917	107	105434	49.938	ug/L	99
51) Chlorobenzene	9.441	112	256371	51.379	ug/L	99
52) Ethylbenzene	9.563	91	439540	52.202	ug/L	100
53) m,p-Xylene	9.688	106	168006	52.315	ug/L	100
54) o-Xylene	10.094	106	164431	51.600	ug/L	96
55) Styrene	10.106	104	274939	53.040	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	167737	50.202	ug/L	99
59) Bromoform	10.283	173	72652	48.711	ug/L #	98
60) 1,2,3-Trichloropropane	10.814	75	129378	47.385	ug/L	100
61) Isopropylbenzene	10.476	105	433136	51.155	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	355566	51.727	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	354159	52.311	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	192699	50.924	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	193336	50.283	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	188597	49.408	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	34943	47.501	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	132168	52.115	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	110619	51.001	ug/L	99
71) Naphthalene	14.080	128	305061	43.797	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	98640	46.566	ug/L	99

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

