

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103024\
 Data File : VU061293.D
 Acq On : 30 Oct 2024 09:24
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050095

Quant Time: Oct 31 22:47:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 29 22:33:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	275972	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	253276	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	122144	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	90084	46.474	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.940%
7) Chloroethane-d5	1.904	69	79897	47.128	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.260%
11) 1,1-Dichloroethene-d2	2.560	63	169392	47.497	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.000%
21) 2-Butanone-d5	4.615	46	146791	91.809	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.810%
24) Chloroform-d	5.052	84	200328	48.832	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.660%
26) 1,2-Dichloroethane-d4	5.692	65	125974	48.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.480%
32) Benzene-d6	5.718	84	404563	49.886	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.780%
36) 1,2-Dichloropropane-d6	6.682	67	125085	50.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.800%
41) Toluene-d8	7.891	98	376258	49.835	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.660%
43) trans-1,3-Dichloroprop...	8.171	79	63943	51.541	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.080%
47) 2-Hexanone-d5	8.624	63	118328	94.249	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.250%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	184400	47.212	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.420%
66) 1,2-Dichlorobenzene-d4	12.183	152	132520	49.010	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	97275	50.555	ug/L	100
3) Chloromethane	1.518	50	85488	47.213	ug/L	100
5) Vinyl chloride	1.602	62	94909	48.474	ug/L	100
6) Bromomethane	1.846	94	67970	46.891	ug/L	98
8) Chloroethane	1.927	64	59846	46.732	ug/L	100
9) Trichlorofluoromethane	2.132	101	135556	49.535	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	81725	51.657	ug/L	97
12) 1,1-Dichloroethene	2.573	96	72254	47.945	ug/L	89
13) Acetone	2.621	43	124542	105.725	ug/L	99
14) Carbon disulfide	2.785	76	233010	50.574	ug/L	99
15) Methyl Acetate	2.943	43	87955	47.473	ug/L	98
16) Methylene chloride	3.036	84	89635	48.097	ug/L	98
17) trans-1,2-Dichloroethene	3.345	96	82321	49.991	ug/L	98
18) Methyl tert-butyl Ether	3.354	73	272296	47.953	ug/L	100
19) 1,1-Dichloroethane	3.859	63	154774	49.045	ug/L	99
20) cis-1,2-Dichloroethene	4.656	96	94606	48.314	ug/L	97
22) 2-Butanone	4.695	43	148592	98.615	ug/L	98
23) Bromochloromethane	4.965	128	46945	46.810	ug/L	88
25) Chloroform	5.078	83	162235	48.113	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	130188	48.276	ug/L	96
29) Cyclohexane	5.380	56	145416	53.602	ug/L	99
30) 1,1,1-Trichloroethane	5.306	97	141304	50.861	ug/L	98
31) Carbon tetrachloride	5.515	117	122065	51.087	ug/L	99
33) Benzene	5.766	78	358191	49.900	ug/L	100
34) Trichloroethene	6.534	95	95285	50.720	ug/L	99
35) Methylcyclohexane	6.756	83	156366	53.848	ug/L	99
37) 1,2-Dichloropropane	6.782	63	94024	49.211	ug/L	99
38) Bromodichloromethane	7.097	83	123148	50.462	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	158103	51.916	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	252249	95.895	ug/L	100
42) Toluene	7.962	91	389144	49.791	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	145085	51.184	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	94347	49.138	ug/L	99
46) Tetrachloroethene	8.547	164	68595	50.794	ug/L	98
48) 2-Hexanone	8.676	43	208186	97.548	ug/L	100
49) Dibromochloromethane	8.801	129	94837	49.810	ug/L	99
50) 1,2-Dibromoethane	8.914	107	102448	48.287	ug/L	99
51) Chlorobenzene	9.441	112	248546	49.567	ug/L	100
52) Ethylbenzene	9.563	91	428491	50.641	ug/L	99
53) m,p-Xylene	9.685	106	165007	51.131	ug/L	99
54) o-Xylene	10.094	106	159138	49.695	ug/L	97
55) Styrene	10.106	104	264991	50.871	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	157662	46.956	ug/L	99
59) Bromoform	10.283	173	70611	49.871	ug/L #	97
60) 1,2,3-Trichloropropane	10.814	75	124541	48.050	ug/L	100
61) Isopropylbenzene	10.476	105	416996	51.880	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	338559	51.884	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	335030	52.129	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	180157	50.152	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	185709	50.879	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	178732	49.324	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	34375	49.224	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	124272	51.619	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	109860	53.357	ug/L	100
71) Naphthalene	14.077	128	340037	51.426	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	104095	51.766	ug/L	99

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

