

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020823\
 Data File : VU053010.D
 Acq On : 08 Feb 2023 20:04
 Operator : JC/MD
 Sample : VIBLK110
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK110

Quant Time: Feb 09 01:50:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 09 01:09:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	303196	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	285606	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	150120	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	123989	44.016	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.040%
7) Chloroethane-d5	1.913	69	101343	44.476	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.960%
11) 1,1-Dichloroethene-d2	2.566	63	153450	35.549	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.100%
21) 2-Butanone-d5	4.627	46	110945	101.549	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.550%
24) Chloroform-d	5.058	84	217868	46.777	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.560%
26) 1,2-Dichloroethane-d4	5.698	65	134251	48.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.460%
32) Benzene-d6	5.723	84	457869	48.320	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.640%
36) 1,2-Dichloropropane-d6	6.688	67	140605	48.093	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.180%
41) Toluene-d8	7.894	98	444879	47.916	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.840%
43) trans-1,3-Dichloroprop...	8.177	79	78311	48.874	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.740%
47) 2-Hexanone-d5	8.630	63	90967	102.461	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.460%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	194790	48.128	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.260%
66) 1,2-Dichlorobenzene-d4	12.189	152	163572	48.959	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	3249	1.363	ug/L	96
3) Chloromethane	1.518	50	3810	1.733	ug/L	99
5) Vinyl chloride	1.605	62	4783	1.767	ug/L #	52
6) Bromomethane	1.859	94	2504	1.340	ug/L	95
8) Chloroethane	1.936	64	2429	1.464	ug/L	89
9) Trichlorofluoromethane	2.138	101	5359	1.293	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	3780	1.811	ug/L #	76
12) 1,1-Dichloroethene	2.576	96	4467	2.246	ug/L #	1
14) Carbon disulfide	2.791	76	16996	2.872	ug/L	99
15) Methyl Acetate	2.958	43	2650	1.851	ug/L	96
17) trans-1,2-Dichloroethene	3.354	96	4371	2.055	ug/L	81
18) Methyl tert-butyl Ether	3.360	73	8216	1.241	ug/L #	89
19) 1,1-Dichloroethane	3.871	63	4657	1.277	ug/L #	78
20) cis-1,2-Dichloroethene	4.662	96	4341	1.809	ug/L #	68
22) 2-Butanone	4.730	43	2430	2.089	ug/L	95
23) Bromochloromethane	4.974	128	2121	1.639	ug/L	92
25) Chloroform	5.083	83	7170	1.759	ug/L	91
27) 1,2-Dichloroethane	5.794	62	4478	1.537	ug/L #	41
29) Cyclohexane	5.382	56	4158	1.239	ug/L #	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	5.318	97	4582	1.248	ug/L #	81
31) Carbon tetrachloride	5.521	117	4086	1.269	ug/L	99
33) Benzene	5.772	78	11185	1.277	ug/L	100
34) Trichloroethene	6.540	95	3908	1.641	ug/L	87
35) Methylcyclohexane	6.759	83	5716	1.414	ug/L	94
37) 1,2-Dichloropropane	6.788	63	2841	1.280	ug/L #	92
38) Bromodichloromethane	7.103	83	4711	1.469	ug/L	92
39) cis-1,3-Dichloropropene	7.604	75	5964	1.563	ug/L	97
40) 4-Methyl-2-pentanone	7.791	43	6996	3.254	ug/L	93
44) trans-1,3-Dichloropropene	8.209	75	5957	1.610	ug/L	95
45) 1,1,2-Trichloroethane	8.395	97	3168	1.385	ug/L	90
46) Tetrachloroethene	8.553	164	2906	1.541	ug/L	94
49) Dibromochloromethane	8.807	129	4011	1.452	ug/L	92
50) 1,2-Dibromoethane	8.923	107	4251	1.699	ug/L #	96
51) Chlorobenzene	9.443	112	10757	1.685	ug/L	95
52) Ethylbenzene	9.569	91	16542	1.516	ug/L	100
53) m,p-Xylene	9.691	106	6645	1.540	ug/L	98
54) o-xylene	10.099	106	6081	1.427	ug/L	95
55) Styrene	10.115	104	11350	1.579	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	5784	1.622	ug/L	99
59) Bromoform	10.289	173	2922	1.489	ug/L #	95
60) 1,2,3-Trichloropropane	10.820	75	4075	1.654	ug/L #	87
61) Isopropylbenzene	10.482	105	17617	1.707	ug/L	96
62) 1,3,5-Trimethylbenzene	11.086	105	15552	1.712	ug/L	93
63) 1,2,4-Trimethylbenzene	11.466	105	16046	1.813	ug/L	93
64) 1,3-Dichlorobenzene	11.742	146	9855	2.117	ug/L	95
65) 1,4-Dichlorobenzene	11.832	146	10105	2.158	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	9886	2.115	ug/L #	91
68) 1,2-Dibromo-3-chloropr...	12.993	75	1230	1.642	ug/L	90
69) 1,3,5-Trichlorobenzene	13.215	180	8398	2.328	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	8128	2.522	ug/L	96
71) Naphthalene	14.086	128	19106	2.000	ug/L	97
72) 1,2,3-Trichlorobenzene	14.327	180	8509	2.693	ug/L	95

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

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