

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
 Data File : VU055888.D
 Acq On : 25 Oct 2023 18:46
 Operator : MD/SY
 Sample : 04952-08MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EOAR8MS

Quant Time: Oct 26 01:56:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 26 01:50:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	578326	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	580404	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	321577	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	239336	46.138	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.280%
7) Chloroethane-d5	1.898	69	197456	46.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.140%
11) 1,1-Dichloroethene-d2	2.563	63	420661	45.480	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.960%
21) 2-Butanone-d5	4.612	46	283804	73.835	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.840%
24) Chloroform-d	5.059	84	452782	45.530	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.060%
26) 1,2-Dichloroethane-d4	5.695	65	274253	44.805	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.600%
32) Benzene-d6	5.721	84	913486	49.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.380%
36) 1,2-Dichloropropane-d6	6.685	67	281962	47.961	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.920%
41) Toluene-d8	7.894	98	847913	50.566	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.140%
43) trans-1,3-Dichloroprop...	8.174	79	135420	47.952	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.900%
47) 2-Hexanone-d5	8.631	63	253113	109.517	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.520%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	441236	48.760	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.520%
66) 1,2-Dichlorobenzene-d4	12.190	152	338160	52.991	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	196304	40.766	ug/L	100
3) Chloromethane	1.518	50	213759	46.913	ug/L	99
5) Vinyl chloride	1.605	62	222126	44.298	ug/L	97
6) Bromomethane	1.834	94	109507	34.161	ug/L	96
8) Chloroethane	1.920	64	143909	43.753	ug/L	100
9) Trichlorofluoromethane	2.133	101	318292	44.427	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	204048	44.287	ug/L	98
12) 1,1-Dichloroethene	2.576	96	185796	45.316	ug/L	93
13) Acetone	2.618	43	166433	46.660	ug/L	96
14) Carbon disulfide	2.789	76	500402	40.106	ug/L	99
15) Methyl Acetate	2.940	43	202855	37.135	ug/L	97
16) Methylene chloride	3.039	84	234213	47.106	ug/L	93
17) trans-1,2-Dichloroethene	3.348	96	195678	46.674	ug/L	97
18) Methyl tert-butyl Ether	3.354	73	684091	50.737	ug/L	97
19) 1,1-Dichloroethane	3.862	63	396874	46.161	ug/L	99
20) cis-1,2-Dichloroethene	4.660	96	236480	49.422	ug/L	95
22) 2-Butanone	4.692	43	273268	63.561	ug/L	97
23) Bromochloromethane	4.968	128	119237	48.117	ug/L	94
25) Chloroform	5.081	83	418370	46.582	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
 Data File : VU055888.D
 Acq On : 25 Oct 2023 18:46
 Operator : MD/SY
 Sample : 04952-08MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EOAR8MS

Quant Time: Oct 26 01:56:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 26 01:50:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	321510	44.757	ug/L	99
29) Cyclohexane	5.383	56	330440	49.670	ug/L	99
30) 1,1,1-Trichloroethane	5.309	97	356544	47.548	ug/L	97
31) Carbon tetrachloride	5.522	117	302985	46.162	ug/L	98
33) Benzene	5.769	78	889385	48.476	ug/L	100
34) Trichloroethene	6.538	95	227338	45.286	ug/L	96
35) Methylcyclohexane	6.759	83	345548	47.442	ug/L	99
37) 1,2-Dichloropropane	6.785	63	235224	46.559	ug/L #	97
38) Bromodichloromethane	7.100	83	310244	46.566	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	381011	49.571	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	627935	89.342	ug/L	97
42) Toluene	7.965	91	960971	49.638	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	354837	48.250	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	241560	48.490	ug/L	99
46) Tetrachloroethene	8.550	164	175420	48.806	ug/L	99
48) 2-Hexanone	8.682	43	488671	82.314	ug/L	95
49) Dibromochloromethane	8.804	129	249131	48.944	ug/L	99
50) 1,2-Dibromoethane	8.917	107	255240	47.702	ug/L	99
51) Chlorobenzene	9.444	112	632654	50.509	ug/L	100
52) Ethylbenzene	9.566	91	1081218	51.085	ug/L	98
53) m,p-Xylene	9.692	106	416717	52.554	ug/L	99
54) o-Xylene	10.097	106	420728	54.831	ug/L	97
55) Styrene	10.110	104	733754	56.448	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.779	83	439133	51.481	ug/L	98
59) Bromoform	10.287	173	199964	50.513	ug/L	97
60) 1,2,3-Trichloropropane	10.817	75	336154	48.165	ug/L	99
61) Isopropylbenzene	10.480	105	1099013	54.820	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	957612	59.033	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	960482	59.879	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	519466	52.417	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	517472	50.787	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	524911	53.373	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	88345	42.341	ug/L	89
69) 1,3,5-Trichlorobenzene	13.216	180	347568	52.579	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	293828	53.364	ug/L	99
71) Naphthalene	14.084	128	909775	55.623	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	294880	54.319	ug/L	98

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

