

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012623\
 Data File : VU052829.D
 Acq On : 26 Jan 2023 20:22
 Operator : JC/MD
 Sample : 01316-02MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44G7MS

Quant Time: Jan 27 04:36:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 04:23:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	272032	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	258817	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	150878	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	82604	42.189	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.380%
7) Chloroethane-d5	1.906	69	72272	44.797	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.565	63	174120	44.711	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.420%
21) 2-Butanone-d5	4.620	46	114338	94.530	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.530%
24) Chloroform-d	5.057	84	194920	46.647	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.300%
26) 1,2-Dichloroethane-d4	5.694	65	123919	46.444	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.880%
32) Benzene-d6	5.723	84	370400	46.843	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.680%
36) 1,2-Dichloropropane-d6	6.684	67	108879	46.949	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.900%
41) Toluene-d8	7.893	98	340347	47.268	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.540%
43) trans-1,3-Dichloroprop...	8.176	79	55626	47.856	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.720%
47) 2-Hexanone-d5	8.629	63	83985	103.067	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.070%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	162422	47.403	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	138564	47.297	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	114174	44.822	ug/L	98
3) Chloromethane	1.520	50	95501	45.457	ug/L	99
5) Vinyl chloride	1.604	62	103609	44.579	ug/L	100
6) Bromomethane	1.855	94	66199	45.163	ug/L	99
8) Chloroethane	1.929	64	66565	45.598	ug/L	96
9) Trichlorofluoromethane	2.134	101	174263	44.765	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	95584	43.561	ug/L	99
12) 1,1-Dichloroethene	2.578	96	91027	45.233	ug/L	99
13) Acetone	2.626	43	83607	56.597	ug/L	98
14) Carbon disulfide	2.790	76	261333	42.997	ug/L	100
15) Methyl Acetate	2.945	43	87400	43.911	ug/L	97
16) Methylene chloride	3.041	84	104773	43.767	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	96812	44.517	ug/L	99
18) Methyl tert-butyl Ether	3.359	73	302359	47.283	ug/L	98
19) 1,1-Dichloroethane	3.864	63	174291	45.697	ug/L	98
20) cis-1,2-Dichloroethene	4.662	96	107770	46.414	ug/L	100
22) 2-Butanone	4.697	43	129065	81.739	ug/L	98
23) Bromochloromethane	4.970	128	57955	44.448	ug/L	98
25) Chloroform	5.083	83	201024	46.950	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	157723	46.531	ug/L	100
29) Cyclohexane	5.385	56	145444	47.422	ug/L	98
30) 1,1,1-Trichloroethane	5.311	97	174493	45.835	ug/L	98
31) Carbon tetrachloride	5.520	117	157634	47.766	ug/L	100
33) Benzene	5.768	78	415777	47.193	ug/L	100
34) Trichloroethene	6.536	95	101076	45.137	ug/L	96
35) Methylcyclohexane	6.758	83	162999	45.990	ug/L	99
37) 1,2-Dichloropropane	6.787	63	101730	46.967	ug/L	99
38) Bromodichloromethane	7.099	83	147681	46.462	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	155202	45.742	ug/L	97
40) 4-Methyl-2-pentanone	7.787	43	253046	99.162	ug/L	100
42) Toluene	7.964	91	433157	47.972	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	158880	47.648	ug/L	98
45) 1,1,2-Trichloroethane	8.395	97	105319	47.548	ug/L	99
46) Tetrachloroethene	8.549	164	87222	45.235	ug/L	99
48) 2-Hexanone	8.681	43	200730	92.982	ug/L	98
49) Dibromochloromethane	8.803	129	123153	46.493	ug/L	100
50) 1,2-Dibromoethane	8.919	107	114976	48.230	ug/L	99
51) Chlorobenzene	9.443	112	286750	46.160	ug/L	99
52) Ethylbenzene	9.565	91	463415	48.025	ug/L	100
53) m,p-Xylene	9.690	106	189573	48.529	ug/L	99
54) o-xylene	10.095	106	184727	49.535	ug/L	96
55) Styrene	10.108	104	311991	48.754	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	168146	46.907	ug/L	100
59) Bromoform	10.285	173	95782	46.327	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	132738	45.355	ug/L	99
61) Isopropylbenzene	10.481	105	467653	47.992	ug/L	100
62) 1,3,5-Trimethylbenzene	11.082	105	395417	48.735	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	389401	49.597	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	221424	45.038	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	223101	43.835	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	228693	45.989	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.989	75	37402	44.584	ug/L	98
69) 1,3,5-Trichlorobenzene	13.214	180	157228	43.199	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	129223	42.348	ug/L	99
71) Naphthalene	14.082	128	394671	45.007	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	140891	43.689	ug/L	99

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

