

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010623\
 Data File : VU052624.D
 Acq On : 06 Jan 2023 13:08
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV066

Quant Time: Jan 07 00:35:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 07 00:30:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	340675	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	324090	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	180005	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	173541	45.224	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.440%
7) Chloroethane-d5	1.916	69	135429	45.108	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.220%
11) 1,1-Dichloroethene-d2	2.572	63	291836	46.248	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.500%
21) 2-Butanone-d5	4.616	46	231989	95.531	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.530%
24) Chloroform-d	5.060	84	271366	44.990	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.980%
26) 1,2-Dichloroethane-d4	5.697	65	178772	45.090	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.180%
32) Benzene-d6	5.723	84	553761	49.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.687	67	189968	48.238	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.480%
41) Toluene-d8	7.893	98	478034	50.297	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	8.176	79	82623	48.285	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.580%
47) 2-Hexanone-d5	8.629	63	144144	103.877	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.880%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	242343	46.714	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.420%
66) 1,2-Dichlorobenzene-d4	12.188	152	167402	48.436	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	135769	46.147	ug/L	99
3) Chloromethane	1.520	50	184452	45.293	ug/L	97
5) Vinyl chloride	1.607	62	178123	47.032	ug/L	100
6) Bromomethane	1.858	94	90147	49.835	ug/L	99
8) Chloroethane	1.935	64	115463	47.231	ug/L	95
9) Trichlorofluoromethane	2.141	101	207681	48.049	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	122745	47.323	ug/L	100
12) 1,1-Dichloroethene	2.581	96	114920	47.951	ug/L	93
13) Acetone	2.626	43	197562	80.253	ug/L	99
14) Carbon disulfide	2.793	76	345560	46.970	ug/L	100
15) Methyl Acetate	2.944	43	183582	48.006	ug/L	99
16) Methylene chloride	3.047	84	149675	46.933	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	122551	48.946	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	402444	49.800	ug/L	99
19) 1,1-Dichloroethane	3.867	63	279418	48.514	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	137936	49.353	ug/L	96
22) 2-Butanone	4.697	43	277497	96.402	ug/L	99
23) Bromochloromethane	4.970	128	67138	47.092	ug/L	99
25) Chloroform	5.083	83	259927	47.741	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	215796	48.014	ug/L	100
29) Cyclohexane	5.388	56	235809	54.766	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	208167	50.156	ug/L	99
31) Carbon tetrachloride	5.523	117	171284	49.899	ug/L	99
33) Benzene	5.771	78	586283	51.651	ug/L	100
34) Trichloroethene	6.539	95	130348	50.397	ug/L	96
35) Methylcyclohexane	6.761	83	217223	53.437	ug/L	99
37) 1,2-Dichloropropane	6.787	63	172119	51.510	ug/L	100
38) Bromodichloromethane	7.102	83	199681	49.842	ug/L	100
39) cis-1,3-Dichloropropene	7.603	75	231517	52.529	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	493809	110.468	ug/L	98
42) Toluene	7.967	91	578785	53.019	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	224505	52.856	ug/L	98
45) 1,1,2-Trichloroethane	8.394	97	139106	50.637	ug/L	99
46) Tetrachloroethene	8.549	164	92795	52.280	ug/L	95
48) 2-Hexanone	8.677	43	398931	108.226	ug/L	99
49) Dibromochloromethane	8.803	129	140336	48.986	ug/L	99
50) 1,2-Dibromoethane	8.919	107	139931	50.480	ug/L	98
51) Chlorobenzene	9.443	112	348887	50.252	ug/L	96
52) Ethylbenzene	9.565	91	609108	53.821	ug/L	99
53) m,p-Xylene	9.690	106	231809	54.843	ug/L	99
54) o-xylene	10.095	106	222455	54.845	ug/L	99
55) Styrene	10.108	104	400220	55.380	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.777	83	246895	49.420	ug/L	100
59) Bromoform	10.285	173	96602	48.280	ug/L	99
60) 1,2,3-Trichloropropane	10.816	75	196273	49.121	ug/L	100
61) Isopropylbenzene	10.481	105	584466	55.021	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	490638	56.644	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	490240	57.268	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	264923	51.800	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	270321	50.166	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	264993	50.415	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	56253	50.674	ug/L	98
69) 1,3,5-Trichlorobenzene	13.214	180	184806	51.170	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	161807	52.658	ug/L	99
71) Naphthalene	14.079	128	561435	59.113	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	172934	54.781	ug/L	99

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

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