

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052924\
 Data File : VU059051.D
 Acq On : 29 May 2024 14:40
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV076

Quant Time: May 30 00:29:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 30 00:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	195670	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	192972	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	96153	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	55587	47.447	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.900%
7) Chloroethane-d5	1.872	69	51706	51.522	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.040%
11) 1,1-Dichloroethene-d2	2.551	63	108786	47.043	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.080%
21) 2-Butanone-d5	4.615	46	124274	112.540	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.540%
24) Chloroform-d	5.052	84	122643	52.586	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.180%
26) 1,2-Dichloroethane-d4	5.689	65	77573	54.267	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.540%
32) Benzene-d6	5.718	84	230662	52.080	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.160%
36) 1,2-Dichloropropane-d6	6.682	67	78350	51.306	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.620%
41) Toluene-d8	7.891	98	194650	51.771	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.540%
43) trans-1,3-Dichloroprop...	8.174	79	34223	55.441	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.880%
47) 2-Hexanone-d5	8.631	63	82577	116.935	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.930%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	144712	55.992	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.980%
66) 1,2-Dichlorobenzene-d4	12.187	152	78003	54.360	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	87836	44.304	ug/L	98
3) Chloromethane	1.515	50	104340	45.537	ug/L	100
5) Vinyl chloride	1.599	62	100814	44.776	ug/L	98
6) Bromomethane	1.824	94	84726	47.037	ug/L	100
8) Chloroethane	1.895	64	68503	48.791	ug/L	98
9) Trichlorofluoromethane	2.110	101	118206	45.117	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.560	101	66844	43.850	ug/L	98
12) 1,1-Dichloroethene	2.563	96	65055	47.053	ug/L	93
13) Acetone	2.618	43	101815	78.442	ug/L	99
14) Carbon disulfide	2.776	76	214571	46.081	ug/L	100
15) Methyl Acetate	2.936	43	106363	51.733	ug/L	97
16) Methylene chloride	3.030	84	91315	48.812	ug/L	98
17) trans-1,2-Dichloroethene	3.338	96	71703	48.049	ug/L	98
18) Methyl tert-butyl Ether	3.351	73	250643	51.707	ug/L	99
19) 1,1-Dichloroethane	3.853	63	155062	48.477	ug/L	96
20) cis-1,2-Dichloroethene	4.653	96	84953	49.958	ug/L	98
22) 2-Butanone	4.695	43	146115	92.982	ug/L	99
23) Bromochloromethane	4.962	128	42482	49.320	ug/L	97
25) Chloroform	5.075	83	152098	49.108	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	130803	49.992	ug/L	99
29) Cyclohexane	5.377	56	118021	45.811	ug/L	98
30) 1,1,1-Trichloroethane	5.303	97	115518	46.041	ug/L	99
31) Carbon tetrachloride	5.512	117	92564	45.419	ug/L	100
33) Benzene	5.763	78	341846	49.059	ug/L	100
34) Trichloroethene	6.531	95	81203	47.593	ug/L	98
35) Methylcyclohexane	6.753	83	117298	46.757	ug/L	98
37) 1,2-Dichloropropane	6.779	63	98662	49.863	ug/L	99
38) Bromodichloromethane	7.097	83	113576	49.278	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	139343	50.898	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	280527	108.144	ug/L	99
42) Toluene	7.962	91	343037	49.044	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	129130	52.101	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	91613	51.496	ug/L	99
46) Tetrachloroethene	8.547	164	52566	46.254	ug/L	93
48) 2-Hexanone	8.682	43	233645	106.796	ug/L	99
49) Dibromochloromethane	8.804	129	82598	51.375	ug/L	99
50) 1,2-Dibromoethane	8.917	107	92980	50.667	ug/L	95
51) Chlorobenzene	9.441	112	205195	48.607	ug/L	99
52) Ethylbenzene	9.563	91	354648	49.183	ug/L	98
53) m,p-Xylene	9.689	106	129720	48.948	ug/L	98
54) o-Xylene	10.094	106	130693	50.886	ug/L	97
55) Styrene	10.110	104	230301	52.752	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	174614	53.880	ug/L	100
59) Bromoform	10.287	173	65863	52.243	ug/L	99
60) 1,2,3-Trichloropropane	10.817	75	136879	51.191	ug/L	98
61) Isopropylbenzene	10.479	105	331338	48.981	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	244559	49.897	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	275583	51.868	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	157515	49.821	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	164439	50.361	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	169197	51.202	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	34975	51.595	ug/L	95
69) 1,3,5-Trichlorobenzene	13.213	180	101535	48.627	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	82146	49.257	ug/L	97
71) Naphthalene	14.081	128	258360	48.944	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	85290	50.304	ug/L	99

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

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