

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070224\
 Data File : VU059729.D
 Acq On : 02 Jul 2024 10:55
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV002

Quant Time: Jul 03 01:45:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 01:39:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	321438	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	310926	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	176468	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	96517	46.765	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.540%
7) Chloroethane-d5	1.876	69	60816	35.033	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.060%
11) 1,1-Dichloroethene-d2	2.551	63	175083	47.751	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.500%
21) 2-Butanone-d5	4.615	46	144675	100.869	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.870%
24) Chloroform-d	5.052	84	192998	48.289	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.580%
26) 1,2-Dichloroethane-d4	5.689	65	115369	48.548	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.100%
32) Benzene-d6	5.715	84	399963	50.235	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.460%
36) 1,2-Dichloropropane-d6	6.679	67	122166	49.576	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.160%
41) Toluene-d8	7.891	98	379161	50.077	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.160%
43) trans-1,3-Dichloroprop...	8.171	79	58043	50.337	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.680%
47) 2-Hexanone-d5	8.631	63	119405	114.977	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.980%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	209544	55.402	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	161556	49.820	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	95024	47.600	ug/L	99
3) Chloromethane	1.516	50	100036	51.066	ug/L	98
5) Vinyl chloride	1.599	62	106637	46.371	ug/L	99
6) Bromomethane	1.824	94	40281	33.347	ug/L	98
8) Chloroethane	1.895	64	64852	43.317	ug/L	97
9) Trichlorofluoromethane	2.114	101	150841	47.114	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.564	101	98538	48.352	ug/L	99
12) 1,1-Dichloroethene	2.560	96	88482	46.425	ug/L	96
13) Acetone	2.618	43	137288	92.954	ug/L	100
14) Carbon disulfide	2.776	76	222082	46.167	ug/L	99
15) Methyl Acetate	2.937	43	107503	48.278	ug/L	97
16) Methylene chloride	3.030	84	107620	44.779	ug/L	98
17) trans-1,2-Dichloroethene	3.339	96	92480	47.132	ug/L	99
18) Methyl tert-butyl Ether	3.351	73	314918	49.416	ug/L	99
19) 1,1-Dichloroethane	3.853	63	180059	48.384	ug/L	97
20) cis-1,2-Dichloroethene	4.650	96	112423	47.317	ug/L	98
22) 2-Butanone	4.692	43	177625	97.750	ug/L	98
23) Bromochloromethane	4.962	128	58932	47.025	ug/L	98
25) Chloroform	5.075	83	189222	47.251	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	144534	47.543	ug/L	98
29) Cyclohexane	5.377	56	143361	51.493	ug/L	97
30) 1,1,1-Trichloroethane	5.303	97	154065	47.830	ug/L	100
31) Carbon tetrachloride	5.512	117	126029	47.366	ug/L	99
33) Benzene	5.763	78	410338	48.872	ug/L	100
34) Trichloroethene	6.535	95	108267	48.321	ug/L	96
35) Methylcyclohexane	6.753	83	157078	50.762	ug/L	99
37) 1,2-Dichloropropane	6.782	63	111803	48.377	ug/L	99
38) Bromodichloromethane	7.097	83	142599	48.697	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	176544	49.929	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	312112	106.853	ug/L	99
42) Toluene	7.962	91	455899	49.737	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	161998	49.877	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	118110	48.799	ug/L	98
46) Tetrachloroethene	8.544	164	87222	47.320	ug/L	98
48) 2-Hexanone	8.679	43	270154	110.510	ug/L	99
49) Dibromochloromethane	8.801	129	115266	48.335	ug/L	99
50) 1,2-Dibromoethane	8.917	107	123812	48.926	ug/L	96
51) Chlorobenzene	9.441	112	296997	48.807	ug/L	98
52) Ethylbenzene	9.563	91	490504	50.111	ug/L	98
53) m,p-Xylene	9.689	106	191360	50.210	ug/L	99
54) o-Xylene	10.094	106	189061	51.586	ug/L	99
55) Styrene	10.110	104	324907	52.548	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.776	83	224434	54.987	ug/L	98
59) Bromoform	10.284	173	102284	47.937	ug/L	98
60) 1,2,3-Trichloropropane	10.817	75	166541	49.727	ug/L	99
61) Isopropylbenzene	10.477	105	495479	48.167	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	379085	50.341	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	420313	52.108	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	259958	48.729	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	266266	48.281	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	269227	49.957	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.988	75	45145	49.290	ug/L	95
69) 1,3,5-Trichlorobenzene	13.213	180	193166	50.221	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	167112	48.204	ug/L	100
71) Naphthalene	14.081	128	530735	52.976	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	171545	49.320	ug/L	99

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

